ciphertrust.com

OCTOBER 2006

IronMail Setup Guide

Product Version: E-class

CipherTrust®

Peace of Mind in Messaging™

©2006 CipherTrust, Inc. CipherTrust and the CipherTrust logo are registered trademarks of CipherTrust, Inc. All other trademarks are the property of their respective owners. All rights reserved.

IronMail Setup Guide

Product Version E-class

Table of Contents

Server Hardware Setup 1
Hardware 1
E-2000 1
E-3000 and E-5000 1
Other Configuration 2
General Safety Notes on IronMail Appliances 2
IronMail E-class Installation 3
Slide Rail Installation 5
Uninterruptible Power Supply 7
Attaching Keyboard, Mouse, and Monitor 9
Server Power, Controls, and Indicators 9
IronMail E-class Power, Controls and Indicators 9
Network Configuration 13
Network Connectivity 13
Network Firewall Configuration 13
Internal Mail Server Configuration 18
DNS Configuration 18
Setting Up CipherTrust IronMail 21
Configuring IronMail 22
Best Practices Configuration 35
SmartStart 35
Using SmartStart 36
Screen 1: Network Connectivity 39
Screen 2: Software Updates 39
Screen 3: Pre-Configuration 40
Screen 4: Threat Response Updates 41

Screen 5: Virus Updates 42
Screen 6: SMTP Route Setup 44
Screen 7: Internal Server List 44
Screen 8: Allow Relay 45
Screen 9: Report Setup 46
Screen 10: Alerts Setup 47
Screen 11: Add Accounts 48
Screen 12: Change the Admin Password 48
Screen 13: Finishing SmartStart 49

CHAPTER 1

Server Hardware Setup

Hardware

Physical installation of the IronMail appliance entails installing the device into a rack, and providing power and network connectivity. IronMail E-class is available in three server platforms.

E-2000

The E-2000 server platform is currently supported for the IronMail E-class. The E-2000 has a single processor.

E-3000 and E-5000

The IronMail E-3000 and E-5000 are built upon a dual-processor platform.

Other Configuration

Configuration of the Central Managment Console (CMC) and Secure Web Delivery (SWD) servers should follow the hardware setup of the IronMail appliance.

General Safety Notes on IronMail Appliances

- There are no user-serviceable components inside the appliance. Opening IronMail's chassis will void the service agreement.
- Adequate spacing above, below, and behind the IronMail appliance should be provided to allow proper airflow, and to prevent excessive heat build-up.
- Use only the mounting kits provided with IronMail appliances when installing IronMail, as improper mounting may result in hardware failure and hazardous conditions.
- Do not block any air vents; usually 15 cm (6 inches) of air space provides proper airflow.
- Plan the device installation starting from the bottom of the rack cabinet and install the heaviest device in the bottom of the rack.
- Do not extend more than one device out of the rack cabinet at the same time—extending two or more devices simultaneously may cause the rack to become unstable.
- Remove the rack doors and side panels to provide easier access during installation
- Connect the server to a properly grounded outlet.
- Do not overload the power outlet when installing multiple devices in the rack cabinet.
- Follow accepted electrical and general safety precautions when installing any IronMail.

Rack Precautions

- Ensure that the leveling jacks on the bottom of the rack are fully extended to the floor with the full weight of the rack resting on them.
- In a single rack installation, stabilizers should be attached to the rack.
- In multiple rack installations, the racks should be coupled together.

- Always make sure the rack is stable before extending a component from the rack.

Server Precautions

- Determine the placement of each component in the rack before installing the rails.
- Install the heaviest server components on the bottom of the rack first, and then work up.
- Use a regulating uninterruptible power supply (UPS) to protect the server from power surges and voltage spikes, and to keep the system operating in case of a power failure.
- Allow the power supply units to cool before touching them.
- Always keep the rack's front door and all panels and components on the servers closed when not servicing in order to maintain proper cooling.

Lifting and Weight Precautions

- Use safe practices when lifting.

- For lifting objects with the following weights use the designated number of people:
  - For objects weighing more than or equal to18 kg (39.7 lb) use two people to lift the object.
  - For objects weighing more than or equal to 32 kg (70.5 lb) use three people to lift the object.
  - For objects weighing more than or equal to 55 kg (121.2 lb) use four people to lift the object.
- Do on place any object weighing more than 50 kg (110 lb) on top of rack-mounted devices.

IronMail E-class Installation

The IronMail E-class appliances are designed to mount in a standard 4-post data center rack having a 19-inch opening.

Tools required:

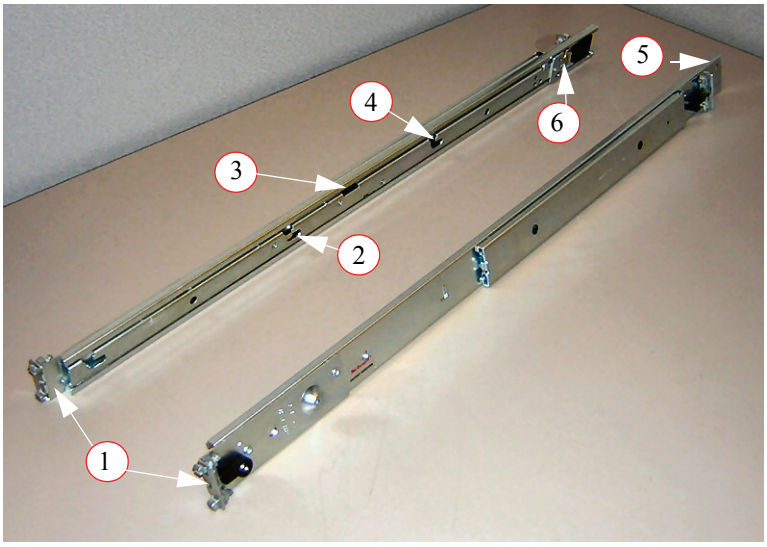
A Phillips #2 screwdriver is the only tool required.

Contents of the E-class mounting kit:

- Power cord
- Network Connection cord
- Bezel mounts with screws
- Mounting screws

Slide Rail Installation

The Slide Rails consist of individual left and right slide rails. Details are shown in the illustration below.

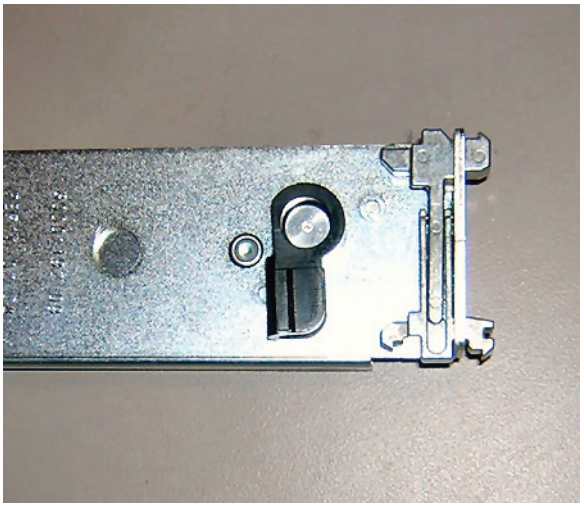


1. Front Multi-Pin Adapter and Bracket
2. Component Release Lever
3. Slide Extension Release Lever
4. Component Mounting Channel (3 per rail)
5. Rear Multi-Pin Adapter and Bracket
6. Anti-Sag Bar Slider

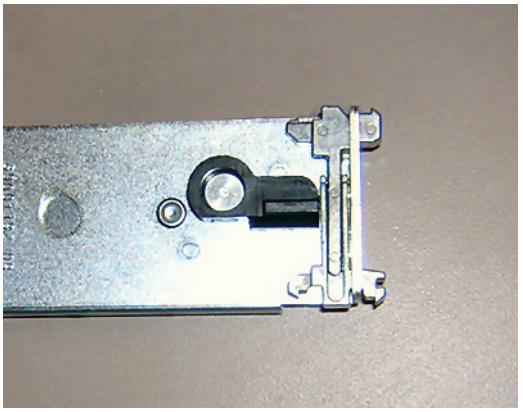
Setting the Multi-Pin Adapters for Rack Type

The 10-32 threaded hole in the center of the Multi-Pin Adapter is for securing the rails during shipping, and for the attachment of front panel blanks (if desired). The Slide rails are shipped with the Multi-Pin Adapters set for square holes. If your rack has square mounting holes, skip this section.

1. On each Slide Rail, reverse the Multi-Pin Adapter position to match the rack mounting hole type if necessary. Remove the Multi-Pin Adapter by rotating the Swivel Lock up, pressing the mounting pins together, and then pulling the adapter from the Multi-Pin Bracket.



2. Install the Multi-Pin Adapter by pressing the pins together while inserting the adapter into the bracket. The Multi-Pin Adapter must be fully locked in the bracket. Ensure both mounting pins on the Multi-Pin Adapter are fully engaged in the Multi-Pin Bracket, then lock the Multi-Pin Adapter in place using the Swivel Lock.



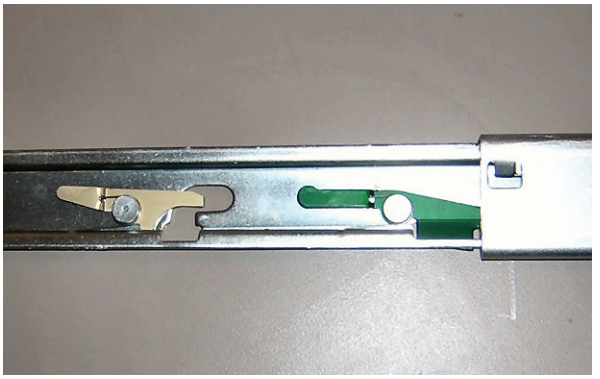
3. Repeat these steps for both ends of each Slide Rail.

Installing the Slide Rails into the Rack

1. At all four rack uprights, determine the vertical position in the rack where the Slide Rails are to be installed. The top-most mounting hole for a particular rack unit (RU) mounting position is typically indicated by a mark or hole.

   CAUTION: If Slide Rails are mounted in holes which are not vertically aligned (level) from front to back, the Slide Rail may be damaged and mounting will not be secure.

2. Noting the holes determined in the previous step, align the left Slide Rail with its mounting holes.
3. Hold the Slide Rail in the desired rack mounting position. At the rear of the Slide Rail, press the Multi-Pin Adapter mounting pins together and insert the Slide Rail into the rack.
4. Ensuring you have selected the proper mounting holes on the rack upright, repeat the above step at the Slide Rail's front mounting position. Ensure the Slide Rail is level.
5. Extend the Slide Rail to its fully extended (locked) position. Press the Slide Rail Extension Release Levers to release the lock. Move the Slide Rail in and out through its entire range of motion to ensure it does not bind. If binding occurs, recheck the mounting positions.



6. Repeat steps 2 through 5 for the right Slide Rail, being certain that it is parallel and level with the left Slide Rail.

Installing the Component into the Slide Rails

1. Extend both Slide Rails to into their fully extended (locked) positions.
2. Align the mounting studs withthe Component Mounting Channels on the Slide Rails.
3. Carefully place the component's mounting studs in the Component Mounting Channels on the Slide Rails. Allow the component mounting studs to fully seat in the Component Mounting Channels. The Component Release Levers (one on each rail) pivot out of the way and then back into place when the studs are fully engaged in the mounting channels. Ensure the Component Release Levers are in the locked position.
4. Press and hold both the left and right Slide Extension Release Levers and slowly slide the component and Slide Rails into the fully retracted position.

Uninterruptible Power Supply

IronMail should only be used in conjunction with an Uninterruptible Power Supply (UPS). While many UPS devices are suitable for *providing power*, not all are able to

"gracefully" shut down IronMail in an emergency loss of power. Many are incapable of interfacing with IronMail's software. And worse, some are so incompatible *they will shut down IronMail on their own*, regardless of the presence or absence of adequate power! Therefore, CipherTrust encourages you to only connect the data cables for UPS models shown on the table on the following page which have been thoroughly tested for reliability and compatibility.

Note: If you use a UPS other than one shown in the following table, ***do not attach*** a data cable from the UPS to IronMail's serial port (when the serial port is configured as a UPS interface).

Recommended UPS Hardware		
IronMail E-class		
APC	Matrix-UPS	MX3000
	Smart-UPS	700
		700 XL
		700 RM 2U
		1000 XL
		1000 RM 2U
		1400
		1400 RM 2U
		1400 RM 3U XL

Please contact CipherTrust product support at 678-867-2999 or send an email to support@ciphertrust.com to confirm if *your* UPS has been tested since the publication of this Setup Guide.

Attaching Keyboard, Mouse, and Monitor

IronMail accepts the connection of keyboard, mouse, and monitor allowing you to connect to the appliance directly (in addition to, or in lieu of connecting through your local area network). Attach a monitor to the VGA port on the back of the appliance. Attach keyboard to the *bottom* PS-2 port on the back of the appliance. (The mouse and keyboard must be connected to the appliance *before* power is turned on.)

You only have access to the *command line interface* when connected directly to the appliance—you do not have access to the graphical, browser-based Web Administration interface. The command line interface allows you to perform *some* of the functionality available in the Web Administration GUI, but more importantly, it allows you to restore the appliance to its factory default settings.

Once the appliance is powered up, the monitor will display a logon prompt. Enter the same user name and password you use to connect to the Web Administration graphical user interface. Refer to the chapter on “Command Line Interface” in the *User Manual* for instructions on using the available commands.

Server Power, Controls, and Indicators

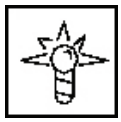
IronMail E-class Power, Controls and Indicators

This section identifies the controls and indicators on the front and rear of the IronMail E-class servers. It also describes the power features of the server.

Control Panel LEDs

This section identifies the indicator LEDs on the front of the E-class appliance.

NIC Indicator. Indicator lights exist for both NIC1 and NIC2. Flashing LEDs indicate network activity on the respective LANs.



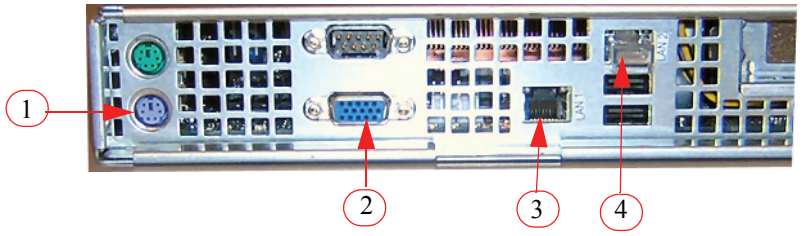
Power Indicator. Indicates power is being supplied to the system's power supply units. This LED should normally be illuminated when the system is operating.

Database Icon. This indicator, when flashing, indicates database activity.

Caution Icon. Indicates problems, malfunctions or errors in the appliance. Such problems can include overheating, etc.

ID Icon. This indicator can be turned on (steady or flashing) to identify a specific unit when you have several appliances in the same rack or location. This allows the Administrator or any service technician to see which IronMail appliance he is working on.

E-class Rear Panel



The illustration above shows he connections available on the rear panel of the E-2000 server.

1. Keyboard Port (purple). Use this port to plug a keyboard into the appliance when configuring the server or using the E-2000 as a console.

2. Monitor Port (blue). Use this connection to plug in a VGA monitor when configurign the E-2000 or using it as a console.

3. Mail Traffic Ethernet Port. Connect to the network using the port to the left, labeled LAN1.

4. Out of Band Management Port. For out of band management, connect to the other Ethernet port, labeled LAN2.

Power (black). A black power connection (not shown) is on the right side of the server.

CHAPTER 2

Network Configuration

Network Connectivity

Your network administrator must assign an IP address, subnet mask, and host name for the IronMail appliance. (A host name "yourname" and domain name "yourdomain.com" results in the fully qualified domain name (FQDN) "yourname.yourdomain.com.") The first time you connect to IronMail, you will be required to enter this and other information into its configuration database. Establishing network connectivity may require the assistance of your network administrator.

Based on your company's network design, IronMail may be connected to the corporate network either in a De-Militarized Zone (DMZ) or on the internal LAN. Once the physical connection has been established, some configuration of the network firewall and Domain Name Service (DNS) will be required.

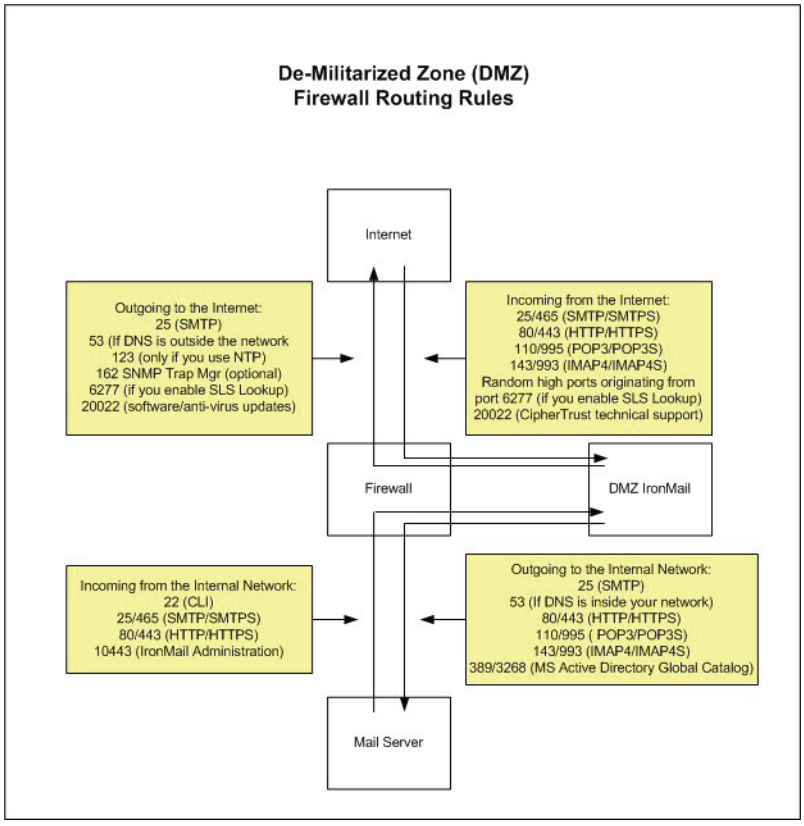
Network Firewall Configuration

There are three main styles of firewalls: *packet filter-types* (routers with ACLs), *application proxy-types* (e.g., Raptor and TIS Gauntlet), and *stateful inspection-types* (e.g., CheckPoint and Cisco PIX). It is important to understand most *application proxy* firewalls do not support SMTP over SSL (i.e. the SMTPS protocol). If your firewall is an *application proxy-type* that does *not* support SSL, IronMail will not be able to encrypt your mail. Both packet filter and stateful inspection firewalls, however, fully support SMTP over SSL if they are configured correctly.

It is recommended that you place IronMail in a DMZ if your network supports it. If so, you must create rules to allow the protocols for the following:

- IronMail to Internet
- Internet to IronMail
- IronMail to the internal mail server
- Internal mail server to Ironmail

Installing IronMail in a DMZ



There should be no open protocols from outside to inside (bypassing IronMail) when using a DMZ configuration.

The following tables describes the ports you must open in your firewall to allow IronMail to function:

TABLE 1. IronMail to Internet

Port	TCP/ UDP	Protocol	Description
Port 25	TCP	SMTP	Required for mail delivery
Port 53	TCP/ UDP	DNS	Optional for an IronMail/CMC (if your DNS is outside the network, you must open the port allowing IronMail/ CMC to connect to it).
Port 123	TCP	NTP	Required if using Network Time Protocol
Port 6277	UDP	SLS	Required if you wish to enable Statistical Lookup Service (SLS) lookup as part of your anti-spam strategy.
Port 20022	TCP	CipherTrust	Required in order for IronMail to request software/anti-virus updates

TABLE 2. Internet to IronMail

Port	TCP/ UDP	Protocol	Description
Port 25	TCP	SMTP	Required for mail delivery
Port 80	TCP	HTTP	Optional for WebMail (secure HTTPS on port 443 is preferred)
Port 110	TCP	POP3	Optional (secure POP3 on port 995 is preferred)
Port 143	TCP	IMAP4	Optional (secure IMAP4 on port 993 is preferred)
Port 443	TCP	HTTPS	Optional for WebMail (for secure HTTPS proxying)
Port 465	TCP	SMTPS	Optional for secure incoming messages
Port 993	TCP	IMAP4S	Optional (this is the preferred port to securely retrieve mail via IMAP4)
Port 995	TCP	POP3S	Optional (this is the preferred port to securely retrieve mail via POP3S)
Port 20022	TCP	CipherTrust	Required (allows CipherTrust to connect to your IronMail for technical support

TABLE 3. IronMail to Internal Mail Server

Port 21	TCP	FTP	Optional if using FTP
Port 22	TCP	SCP	Optional if using SCP.

TABLE 3. IronMail to Internal Mail Server

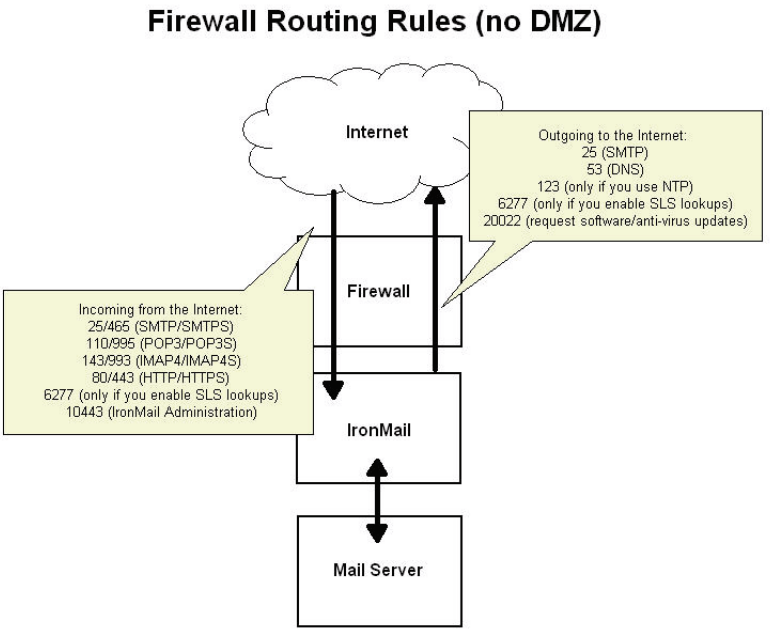
Port 25		SMTP	Required for mail delivery
Port 53	UDP	DNS	Optional for an IronMail/CMC (if your DNS is inside the network, you must open the port allowing IronMail/CMC to connect to it).
Port 80	TCP	HTTP	Optional for WebMail (you should open secure port 443 for HTTPS instead)
Port 110	TCP	POP3	Optional (you should open port 995 for secure POP3S instead)
Port 143	TCP	IMAP4	Optional (you should open secure port 993 for IMAP4S instead)
Port 162	TCP	SNMP	Optional if using SNMP Trap Manager
Port 389	TCP	LDAP	Optional if using LDAP.
Port 514	UDP		Optional if using Syslog Server
Port 443	TCP	HTTPS	Optional for WebMail (for secure HTTPS proxying)
Port 993	TCP	IMAP4S	Optional (this is the preferred port to securely retrieve mail via IMAP4S)
Port 995	TCP	POP3S	Optional (this is the preferred port to securely retrieve mail via POP3S)
Port 20022	TCP	CipherTrust	Allows CMC connection to managed IronMail appliance.

TABLE 4. Internal Mail Server to IronMail

Port 22	TCP	Command Line Interface	Optional (only if you want to access the command line interface from inside the network)
Port 25	TCP	SMTP	Required for mail delivery
Port 10443	TCP	HTTPS	Required (this is the port used to connect to IronMail's WebAdmin interface)

Installing IM in a Network with No DMZ

If you do not have a DMZ, the IronMail may be installed on your internal network. If you install IronMail inside the network, simply open the necessary ports in the firewall.



Ensure that your firewall's port settings match the table below:

TABLE 5. IronMail to Internet

Port	TCP/ UDP	Protocol	Description
Port 25	TCP	SMTP	Required for sending mail
Port 123	TCP	NTP	Required if using Network Time Protocol
Port 123	UDP	NTP	Required if using Network Time Protocol
Port 53	UDP	DNS	Optional for an IronMail/CMC (if your DNS is outside the network, you must open the port allowing IronMail/CMC to connect to it).
Port 20022	TCP	CipherTrust	Required in order for IronMail to request software/anti-virus updates
Port 6277	UDP	SLS	Required if you wish to enable Statistical Lookup Service (SLS) lookup as part of your anti-spam strategy.

TABLE 6. Internet to IronMail

Port 25	TCP	SMTP / SMTPS	Required
Port 80	TCP	HTTP	Optional (you should open secure port 443 for HTTPS instead)
Port 110	TCP	POP3	Optional (you should open port 995 for secure POP3S instead)
Port 143	TCP	IMAP4	Optional (you should open secure port 993 for IMAP4S instead)
Port 443	TCP	HTTPS	Optional for IronWebMail (for secure HTTPS proxying)
Port 465	TCP	SMTPS	Optional (this is the preferred port to securely send mail)
Port 993	TCP	IMAP4S	Optional (this is the preferred port to securely retrieve mail via IMAP4)
Port 995	TCP	POP3S	Optional (this is the preferred port to securely retrieve mail via POP3)
Port 6277	UDP	SLS	Required for IronMail's Statistical Lookup Service spam-blocking tool.
Port 10443	TCP	HTTPS	Required (this is the port used to connect to IronMail's WebAdmin interface)
Port 20022	TCP	CipherTrust	Optional (allows CipherTrust to connect to your IronMail for Technical Support)

Most mail servers use only ports 25, 110, and 143 for sending and retrieving email. However, messages transmitted through these ports are unencrypted—attackers can read or intercept email sent this way. We recommend that you open the secure ports instead: 995 for POP3S and 993 for IMAP4S to force external users to retrieve their mail via SSL. (IronMail also provides the ability to send mail encrypted via TLS/SGL (Transport Layer Security/Secure Sockets Layer) on port 25.)

Internal Mail Server Configuration

Configuration of your internal mail servers is very simple. Make IronMail the only IP address allowed to connect to your mail server, and re-direct your servers' outbound mail flow to IronMail using a static route.

DNS Configuration

DNS is a very complex subject, and there is no standard way in which it is implemented. In addition to the DNS server's MX (Mail Exchange), A (address), PTR (pointer) and

other records, some networks use Network Address Tables (NAT) to map servers internally. However you implement DNS, you must at least do the following: *The MX record pointing to the IronMail must have a lower preference number (i.e. higher priority) than the other MX records for the domain.* This allows all mail addressed to your domain to be routed to the IronMail appliance, and allows all other servers to perform DNS lookups and reverse lookups on IronMail.

Follow these configuration steps:

Step 1. Create the A record for the IronMail. The A records provide the forward mapping of hostnames to IP addresses.

Step 2. Create the PTR record for the IronMail. PTR records provide the reverse mapping of IP addresses.

Step 3. Create the MX record for each domain for which the IronMail will relay email. Create the MX record number than the existing MX records.

Note: Spammers have begun targeting secondary MXs for delivery of spam because often the anti-spam features are not as robust as the primary MX.

You can check whether reverse lookup is working using the "ping" command, with the "-a" switch. Pinging an IP address with that switch will do a reverse lookup, and display the resolved name:

```
C:\>ping -a 63.168.166.5
```

Pinging servername.yourdomain.com [63.168.166.5] with 32 bytes of data:

```
Reply from 63.168.166.5: bytes=32 time=731ms TTL=242
Reply from 63.168.166.5: bytes=32 time=1081ms TTL=242
Reply from 63.168.166.5: bytes=32 time=1052ms TTL=242
Reply from 63.168.166.5: bytes=32 time=611ms TTL=242
```

CHAPTER 3

Setting Up CipherTrust IronMail

The initial setup for IronMail includes at least two major components, and possibly a third. The Installer or Administrator must set up the basic IronMail appliance to allow its further configuration after the basic initialization is completed; they must also perform essential setup for connectivity to the internet and to the mail network. The third component is necessary only if the IronMail appliance is being set up as a Centralized Management Console (CMC).

Setup results in only the most basic configuration of IronMail. Once all initial setup is complete, the Administrator will perform the detailed configuration that prepares IronMail to protect the specific network.

In this chapter:

In this chapter, you will find information about the following topics:

- Configuring IronMaill
- Initial Configuration Wizard

Configuring IronMail

Preliminary Information

IronMail—whether intended as a stand-alone appliance or as a Centralized Management Console—uses a simple wizard to set the initial values required for it to become minimally functional. Before you run the wizard, obtain the information requested in the form below. Your network administrator should be able to assist you in determining the network information. (A copy of this Information Gathering Form appears at the back of the Setup Guide so it may be removed for easy information gathering.)

Step 1. Have on hand the License Key that was e-mailed to you for the IronMail appliance. The License Key contains information that determines whether this appliance is a Centralized Management Console for enterprise environments or a stand-alone IronMail.

Step 2. Create a host name for this appliance.

Step 3. Determine the domain name to which this appliance belongs.

Step 4. Assign an IP address for this appliance.

Step 5. Determine the Subnet Mask for this appliance.

Step 6. Specify the Default Router the appliance will use.

Step 7. Specify the IP Address of at least one of your DNS Servers (This appliance must be able to connect to it.)

Step 8. Provide the fully qualified domain names of up to three Network Time Protocol servers. (IronMail identifies three servers by default.)

Step 9. Specify the appliance's time zone by selecting from the pick list the city nearest the appliance. (The selected city must be in the same time zone as IronMail.)

Step 10. For "stand-alone" IronMail only! — Specify the fully qualified domain name of your default mail server. (If you have dedicated servers handling incoming and outgoing mail, or other services, select one to enter during the wizard setup—the remaining servers will be configured later.) This information is not necessary for configuring a Centralized Management Console.

Step 11. Specify the IP address of the default mail server you identified above.

Step 12. Specify your default email domain.

Step 13. Determine if you want IronMail to use secure POP3 or IMAP 4 with your internal server. (Your internal server must have a Security Certificate installed on it for secure POP3 or IMAP4 to be implemented.).

Verify this information with your Network Administrator prior to running the appliance's Initial Configuration Wizard.

Initial Configuration Wizard

IronMail ships with a pre-installed, albeit unsigned, Security Certificate. IronMail only allows administrative sessions with it over a secure SSL (https) connection, for which a Security Certificate is required. The default Security Certificate is adequate for creating these secure connections from your browser to the IronMail appliance, but is not adequate for providing SSL security for your email infrastructure. Until you install a valid Security Certificate from a Certificate Authority, your browser will display a Security Alert each time you logon to the appliance. Clicking **Yes** at the prompt allows you to proceed.

You must connect to the appliance to enter some preliminary values in an Initial Configuration Wizard in order to make the appliance initially functional. Use a client workstation (any Windows PC) as IronMail's "front end." There are two ways you can connect to the appliance:

- Use a network "cross-over" cable to physically connect a PC workstation to IronMail. (The cable plugs into the network port on each device.)
- Install IronMail in your existing network, but set a PC workstation's netmask to match IronMail's default IP address and netmask.

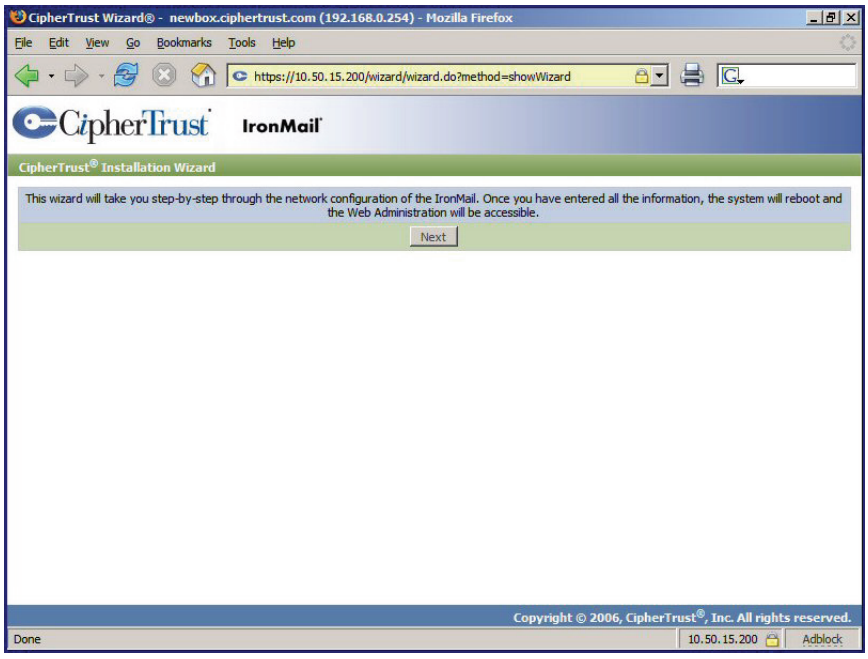
For either type of connection, the client workstation must temporarily change its IP address and netmask to match IronMail's default values (IP Address: **192.168.0.254**, Netmask: **255.255.255.0**). That is, change your workstation IP address to 192.168.0.xxx, and the netmask to 255.255.255.0 (where xxx is any number between 0-253).

1. Launch Internet Explorer on the client workstation and navigate to IronMail's built-in default IP address:

   https://192.168.0.254

   You must add the letter "s" after "http."

   The opening screen for the Installation Wizard displays. Click **Next** to begin the installation process.


CipherTrust Wizard® - newbox.ciphertrust.com (192.168.0.254) - Mozilla Firefox
File Edit View Go Bookmarks Tools Help
https://10.50.15.200/wizard/wizard.do?method=showWizard
CipherTrust IronMail
CipherTrust® Installation Wizard
This wizard will take you step-by-step through the network configuration of the IronMail. Once you have entered all the information, the system will reboot and the Web Administration will be accessible.
Next
Copyright © 2006, CipherTrust®, Inc. All rights reserved.
Done
10.50.15.200
Adblock

Step 2. The first screen to appear is the Master Sale and License Agreement. After you have read the agreement, click **Accept** or **Decline**. If you choose to Decline, the installation wizard will close and the appliance will not run. If you choose Accept, the wizard proceeds to the next step.

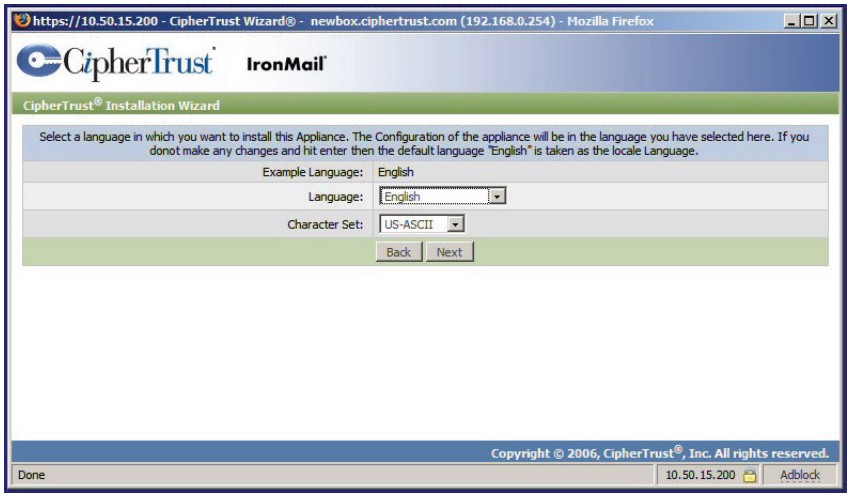
https://10.50.15.200 - CipherTrust Wizard® - newbox.ciphertrust.com (192.168.0.254) - Mozilla Firefox
CipherTrust IronMail
CipherTrust® Installation Wizard
MASTER SALE AND LICENSE AGREEMENT FOR THE CIPHERTRUST® IRONMAIL® APPLIANCE
IMPORTANT: THIS MASTER SALE AND LICENSE AGREEMENT ("AGREEMENT") GOVERNS USE OF THE IRONMAIL® SOFTWARE AND, IF LICENSED IN ADDITION TO THE IRONMAIL® SOFTWARE, THE CURRENTLY OFFERED ANTI-VIRUS SOFTWARE ("ANTI-VIRUS SOFTWARE") (THE IRONMAIL® SOFTWARE AND, IF APPLICABLE, THE ANTI-VIRUS SOFTWARE COLLECTIVELY REFERRED TO AS THE "SOFTWARE") ON THE COMPUTER HARDWARE ("APPLIANCE HARDWARE") ON WHICH THE SOFTWARE IS INSTALLED AND OPERATES (THE IRONMAIL® SOFTWARE AND APPLIANCE HARDWARE BEING REFERRED TO HEREIN TOGETHER AS THE "APPLIANCE"). THIS AGREEMENT DOES NOT APPLY TO IRONMAIL® S-class™ APPLIANCES. READ THIS MASTER SALE AND LICENSE AGREEMENT CAREFULLY PRIOR TO USING THE APPLIANCE. IN ORDER TO USE THIS APPLIANCE, YOU MUST INDICATE ACCEPTANCE BY YOU AND BY THE CORPORATE OR BUSINESS ENTITY WHICH IS USING THE APPLIANCE ("CUSTOMER") TO THESE TERMS AND CONDITIONS BY CLICKING ON THE "Accept" BUTTON ON YOUR SCREEN. BY INDICATING YOUR AGREEMENT, YOU ALSO REPRESENT AND WARRANT THAT YOU ARE A DULY AUTHORIZED REPRESENTATIVE OF THE CUSTOMER AND THAT YOU HAVE THE RIGHT AND AUTHORITY TO ENTER INTO THIS AGREEMENT ON ITS BEHALF. BY USING THE APPLIANCE, CUSTOMER EXPRESSLY AGREES WITH
Accept
Decline
Copyright © 2006, CipherTrust®, Inc. All rights reserved.
Done
10.50.15.200
Adblock

Step 3. The next screen that opens displays the Support Services Agreement. After you have read the agreement, click **Accept** or **Decline**. If you choose to Decline, the

installation wizard will close and the appliance will not run. If you choose Accept, the wizard proceeds to the next step.

https://10.50.15.200 - CipherTrust Wizard® - newbox.ciphertrust.com (192.168.0.254) - Mozilla Firefox
CipherTrust
IronMail
CipherTrust® Installation Wizard
SUPPORT SERVICES AGREEMENT FOR THE CIPHERTRUST® IRONMAIL® APPLIANCE
IMPORTANT: THIS SUPPORT SERVICES AGREEMENT ("AGREEMENT") GOVERNS THE ANNUAL MAINTENANCE AND SUPPORT SERVICES PROVIDED BY CIPHERTRUST, INC., A GEORGIA CORPORATION ("CIPHERTRUST") AND ITS AUTHORIZED AGENTS TO CUSTOMER FOR THE IRONMAIL® SOFTWARE AND, IF SO LICENSED BY CUSTOMER, THE CURRENTLY OFFERED ANTI-VIRUS SOFTWARE LICENSED DIRECTLY FROM CIPHERTRUST ("ANTI-VIRUS SOFTWARE") (THE IRONMAIL® SOFTWARE AND, IF APPLICABLE, THE ANTI-VIRUS SOFTWARE COLLECTIVELY REFERRED TO HEREIN AS THE "SOFTWARE") AND FOR THE COMPUTER HARDWARE ("APPLIANCE HARDWARE") ON WHICH SUCH SOFTWARE IS INSTALLED AND OPERATES (THE IRONMAIL® SOFTWARE AND APPLIANCE HARDWARE COLLECTIVELY REFERRED TO HEREIN AS THE "APPLIANCE"), AND, IF REQUESTED AND PAID FOR BY CUSTOMER, INSTALLATION, INTEGRATION AND TRAINING SERVICES RELATED TO THE APPLIANCE. THIS AGREEMENT DOES NOT APPLY TO IRONMAIL S-class APPLIANCES. READ THIS SUPPORT SERVICES AGREEMENT CAREFULLY PRIOR TO USING THE APPLIANCE. IN ORDER TO RECEIVE SUPPORT SERVICES FOR THE APPLIANCE, YOU MUST INDICATE ACCEPTANCE BY YOU AND BY THE CORPORATE OR BUSINESS ENTITY USING THE APPLIANCE ("CUSTOMER") TO THESE TERMS AND CONDITIONS BY CLICKING ON THE "Accept" BUTTON ON YOUR
Accept
Decline
Copyright © 2006, CipherTrust®, Inc. All rights reserved.
Done
10.50.15.200
Adblock

Step 4. Select the language you wish to use for this installation of IronMail by choosing the name of the language from the pick list. Select the character set for this IronMail from the second list.

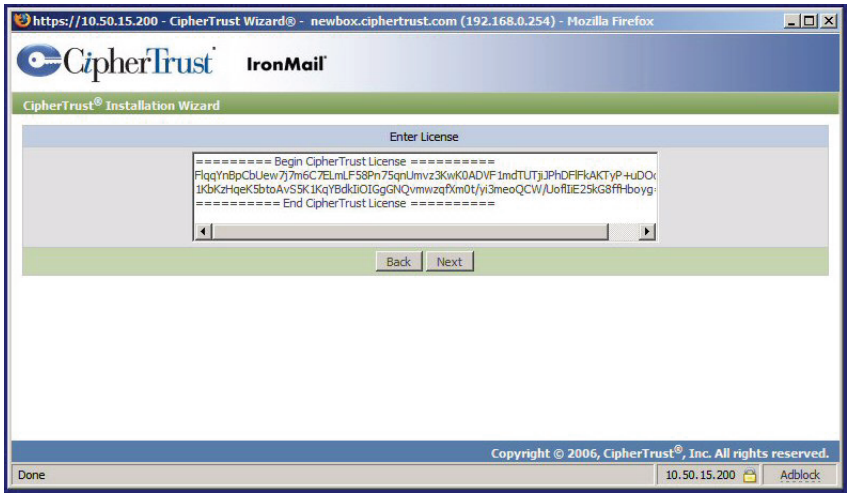

https://10.50.15.200 - CipherTrust Wizard® - newbox.ciphertrust.com (192.168.0.254) - Mozilla Firefox
CipherTrust
IronMail
CipherTrust® Installation Wizard
Select a language in which you want to install this Appliance. The Configuration of the appliance will be in the language you have selected here. If you donot make any changes and hit enter then the default language "English" is taken as the locale Language.
Example Language:
English
Language:
English
Character Set:
US-ASCII
Back
Next
Copyright © 2006, CipherTrust®, Inc. All rights reserved.
Done
10.50.15.200
Adblock

Click **Next**.

Step 5. Copy the text file containing the License Key for the appliance, and paste the key into the input field on the next screen.

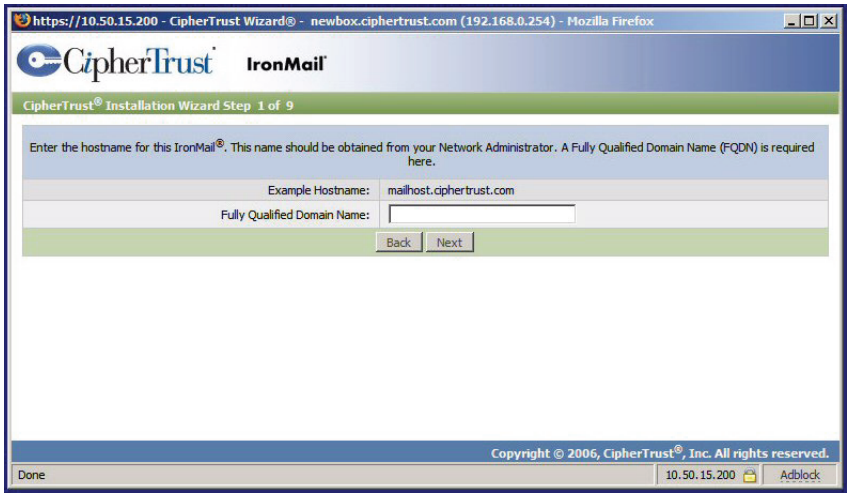
You must include all of the beginning and ending lines that appear with the License Key, as shown:

"======Begin CipherTrust License======" and "======End CipherTrust License======."



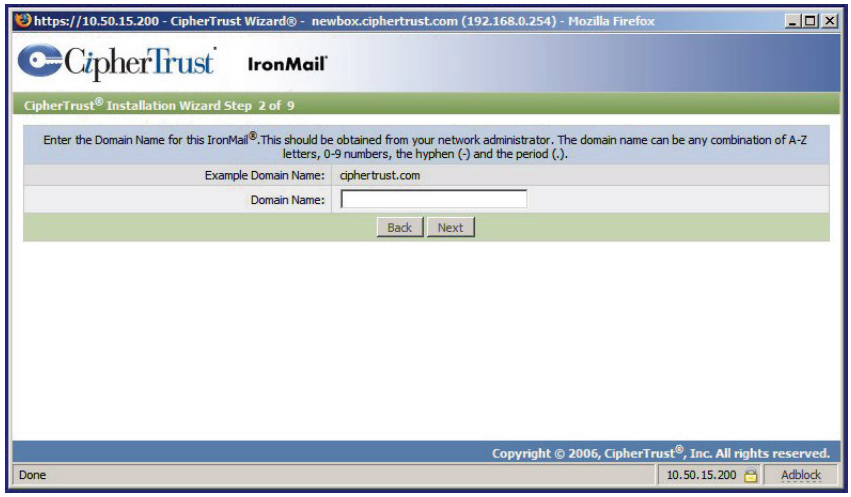
After pasting in the key, click **Next**.

Step 6. Enter the host name for the appliance, created by your Network Administrator. The host name is the text preceding the domain name. In the example "servername.yourdomain.com" "servername" is the host name, and "yourdomain.com" is the domain name.


https://10.50.15.200 - CipherTrust Wizard® - newbox.ciphertrust.com (192.168.0.254) - Mozilla Firefox
CipherTrust
IronMail
CipherTrust® Installation Wizard Step 1 of 9
Enter the hostname for this IronMail®. This name should be obtained from your Network Administrator. A Fully Qualified Domain Name (FQDN) is required here.
Example Hostname:
mailhost.ciphertrust.com
Fully Qualified Domain Name:
Back
Next
Copyright © 2006, CipherTrust®, Inc. All rights reserved.
Done
10.50.15.200
Adblock

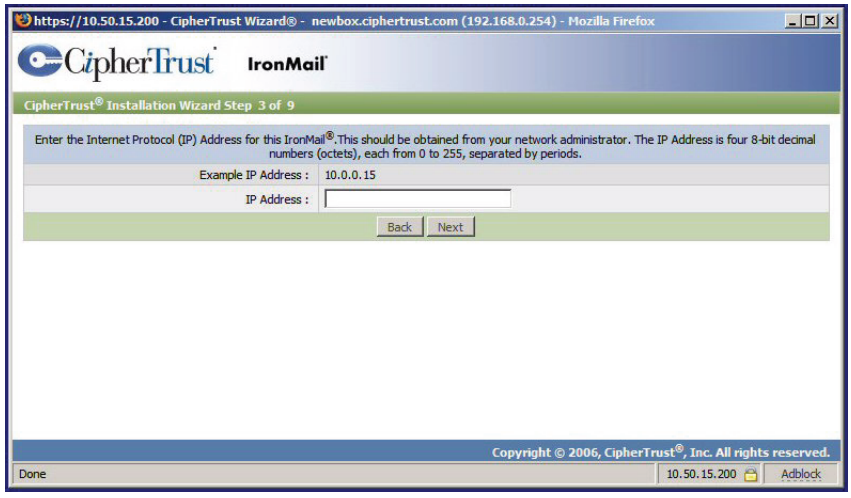
Click **Next**.

Step 7. Enter the domain name for the domain to which the appliance will belong (e.g., "yourdomain.com").


https://10.50.15.200 - CipherTrust Wizard® - newbox.ciphertrust.com (192.168.0.254) - Mozilla Firefox
CipherTrust
IronMail
CipherTrust® Installation Wizard Step 2 of 9
Enter the Domain Name for this IronMail®.This should be obtained from your network administrator. The domain name can be any combination of A-Z letters, 0-9 numbers, the hyphen (-) and the period (.).
Example Domain Name:
ciphertrust.com
Domain Name:
Back
Next
Copyright © 2006, CipherTrust®, Inc. All rights reserved.
Done
10.50.15.200
Adblock

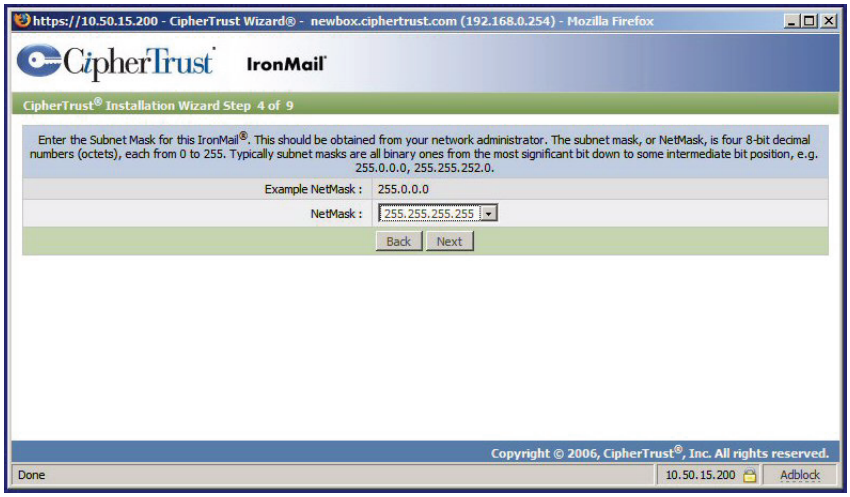
Click **Next**.

Step 8. Enter the IP address assigned by your Network Administrator for this appliance.


https://10.50.15.200 - CipherTrust Wizard® - newbox.ciphertrust.com (192.168.0.254) - Mozilla Firefox
CipherTrust
IronMail
CipherTrust® Installation Wizard Step 3 of 9
Enter the Internet Protocol (IP) Address for this IronMail®.This should be obtained from your network administrator. The IP Address is four 8-bit decimal numbers (octets), each from 0 to 255, separated by periods.
Example IP Address :
10.0.0.15
IP Address :
Back
Next
Copyright © 2006, CipherTrust®, Inc. All rights reserved.
Done
10.50.15.200
Adblock

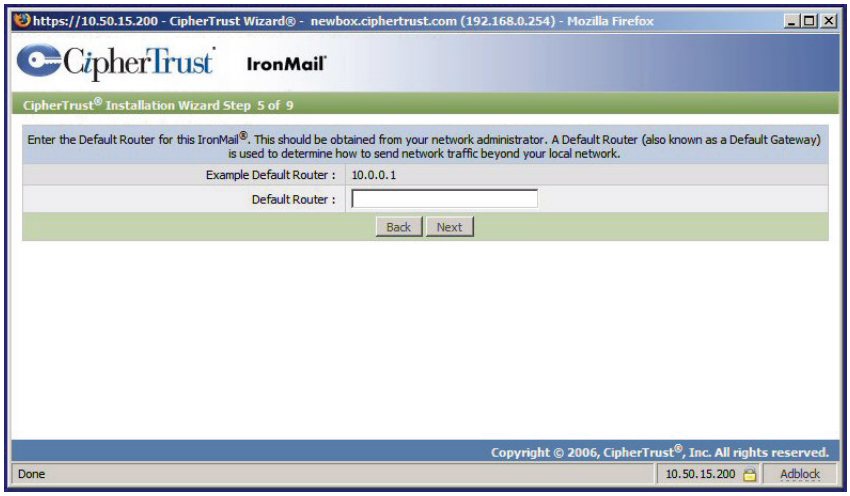
Click **Next**.

Step 9. Enter the subnet mask for this IronMail, as provided by your Network Administrator.


https://10.50.15.200 - CipherTrust Wizard® - newbox.ciphertrust.com (192.168.0.254) - Mozilla Firefox
CipherTrust
IronMail
CipherTrust® Installation Wizard Step 4 of 9
Enter the Subnet Mask for this IronMail®. This should be obtained from your network administrator. The subnet mask, or NetMask, is four 8-bit decimal numbers (octets), each from 0 to 255. Typically subnet masks are all binary ones from the most significant bit down to some intermediate bit position, e.g. 255.0.0.0, 255.255.252.0.
Example NetMask : 255.0.0.0
NetMask : 255.255.255.255
Back
Next
Copyright © 2006, CipherTrust®, Inc. All rights reserved.
Done
10.50.15.200
Adblock

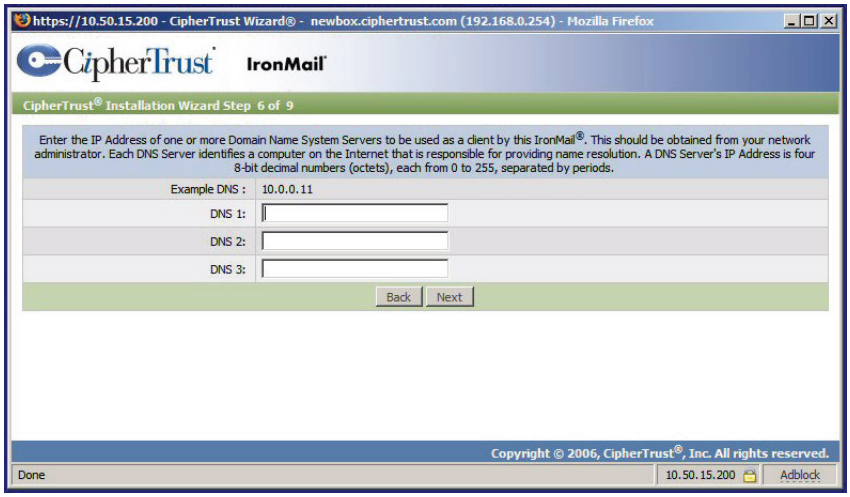
Click **Next**.

Step 10. Enter the IP address for the Default Router for this appliance. The router address is provided by the Network Administrator.


https://10.50.15.200 - CipherTrust Wizard® - newbox.ciphertrust.com (192.168.0.254) - Mozilla Firefox
CipherTrust
IronMail
CipherTrust® Installation Wizard Step 5 of 9
Enter the Default Router for this IronMail®. This should be obtained from your network administrator. A Default Router (also known as a Default Gateway) is used to determine how to send network traffic beyond your local network.
Example Default Router : 10.0.0.1
Default Router :
Back
Next
Copyright © 2006, CipherTrust®, Inc. All rights reserved.
Done
10.50.15.200
Adblock

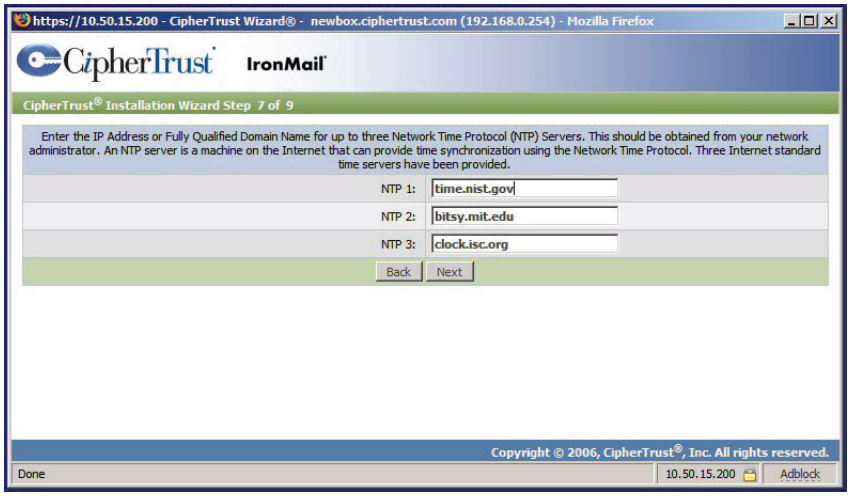
Click **Next**.

Step 11. Enter the IP address for at least one of your DNS Servers (you may have up to three). The DNS server will be used as a client for this IronMail.


https://10.50.15.200 - CipherTrust Wizard® - newbox.ciphertrust.com (192.168.0.254) - Mozilla Firefox
CipherTrust
IronMail
CipherTrust® Installation Wizard Step 6 of 9
Enter the IP Address of one or more Domain Name System Servers to be used as a client by this IronMail®. This should be obtained from your network administrator. Each DNS Server identifies a computer on the Internet that is responsible for providing name resolution. A DNS Server's IP Address is four 8-bit decimal numbers (octets), each from 0 to 255, separated by periods.
Example DNS : 10.0.0.11
DNS 1:
DNS 2:
DNS 3:
Back
Next
Copyright © 2006, CipherTrust®, Inc. All rights reserved.
Done
10.50.15.200
Adblock

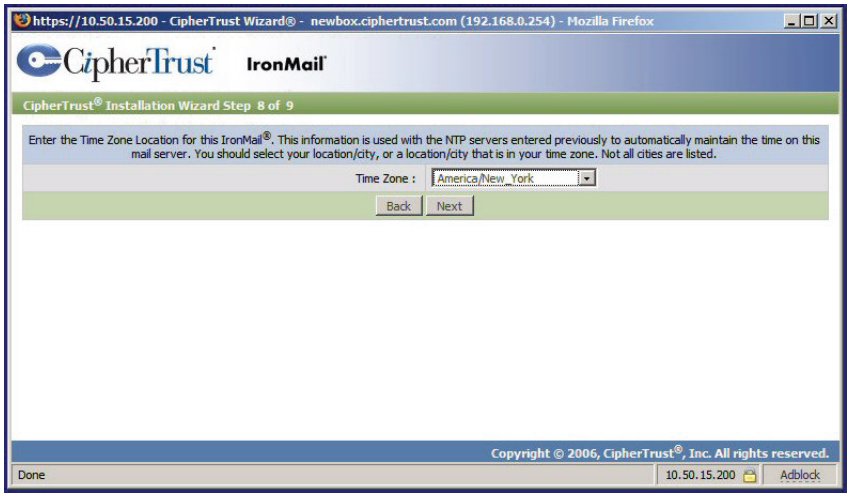
Click **Next**.

Step 12. Enter the IP address or the fully qualified domain name for up to three Network Time Protocol (NTP) servers, as provided by the Network Administrator.


https://10.50.15.200 - CipherTrust Wizard® - newbox.ciphertrust.com (192.168.0.254) - Mozilla Firefox
CipherTrust
IronMail
CipherTrust® Installation Wizard Step 7 of 9
Enter the IP Address or Fully Qualified Domain Name for up to three Network Time Protocol (NTP) Servers. This should be obtained from your network administrator. An NTP server is a machine on the Internet that can provide time synchronization using the Network Time Protocol. Three Internet standard time servers have been provided.
NTP 1: time.nist.gov
NTP 2: bitsy.mit.edu
NTP 3: clock.isc.org
Back
Next
Copyright © 2006, CipherTrust®, Inc. All rights reserved.
Done
10.50.15.200
Adblock

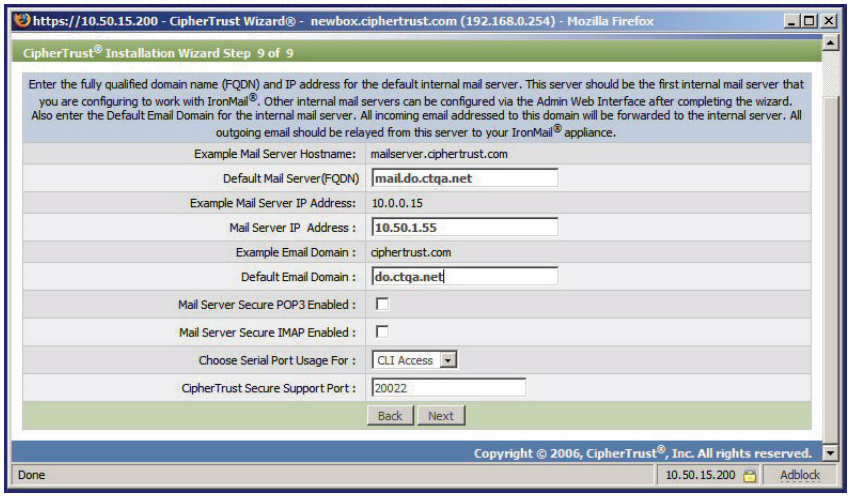
Click **Next**.

Step 13. Specify the appliance's time zone by selecting from the pick list your own location or city, or a location/city that is in the same time zone.


https://10.50.15.200 - CipherTrust Wizard® - newbox.ciphertrust.com (192.168.0.254) - Mozilla Firefox
CipherTrust IronMail
CipherTrust® Installation Wizard Step 8 of 9
Enter the Time Zone Location for this IronMail®. This information is used with the NTP servers entered previously to automatically maintain the time on this mail server. You should select your location/city, or a location/city that is in your time zone. Not all cities are listed.
Time Zone :
America/New_York
Back
Next
Copyright © 2006, CipherTrust®, Inc. All rights reserved.
Done
10.50.15.200
Adblock

Click **Next**.

Step 14. If you are configuring ***a stand-alone IronMail appliance***, you must enter information about your default email server. If you have more than one email server, enter only the information about the default server. You can configure additional servers after you complete the Installation Wizard.


https://10.50.15.200 - CipherTrust Wizard® - newbox.ciphertrust.com (192.168.0.254) - Mozilla Firefox
CipherTrust® Installation Wizard Step 9 of 9
Enter the fully qualified domain name (FQDN) and IP address for the default internal mail server. This server should be the first internal mail server that you are configuring to work with IronMail®. Other internal mail servers can be configured via the Admin Web Interface after completing the wizard. Also enter the Default Email Domain for the internal mail server. All incoming email addressed to this domain will be forwarded to the internal server. All outgoing email should be relayed from this server to your IronMail® appliance.
Example Mail Server Hostname:
mailserver.ciphertrust.com
Default Mail Server(FQDN)
mail.do.ctqa.net
Example Mail Server IP Address:
10.0.0.15
Mail Server IP Address :
10.50.1.55
Example Email Domain :
ciphertrust.com
Default Email Domain :
do.ctqa.net
Mail Server Secure POP3 Enabled :
Mail Server Secure IMAP Enabled :
Choose Serial Port Usage For :
CLI Access
CipherTrust Secure Support Port :
20022
Back
Next
Copyright © 2006, CipherTrust®, Inc. All rights reserved.
Done
10.50.15.200
Adblock

If you are configuring a Centralized Management Console, you do not have to provide information about internal mail servers. Skip this step by clicking **Next**, and proceed to verifying your information.

Step 15. Verify that the information you have provided is correct. You can use the Back buttons to return to previous steps and make corrections, should you detect

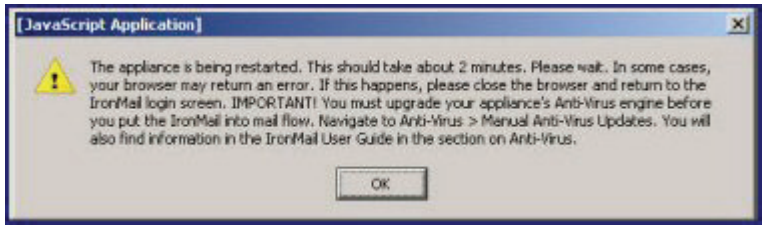
errors. You may want to print this screen for your records once you have verified the information.

If you inadvertently enter the IP address incorrectly and fail to print this page showing the appliance's dot-decimal number, you will be unable to log onto IronMail when you later browse to what you thought was the correct address. Log onto IronMail via attached keyboard and command line interface to reset the appliance to its default factory settings.

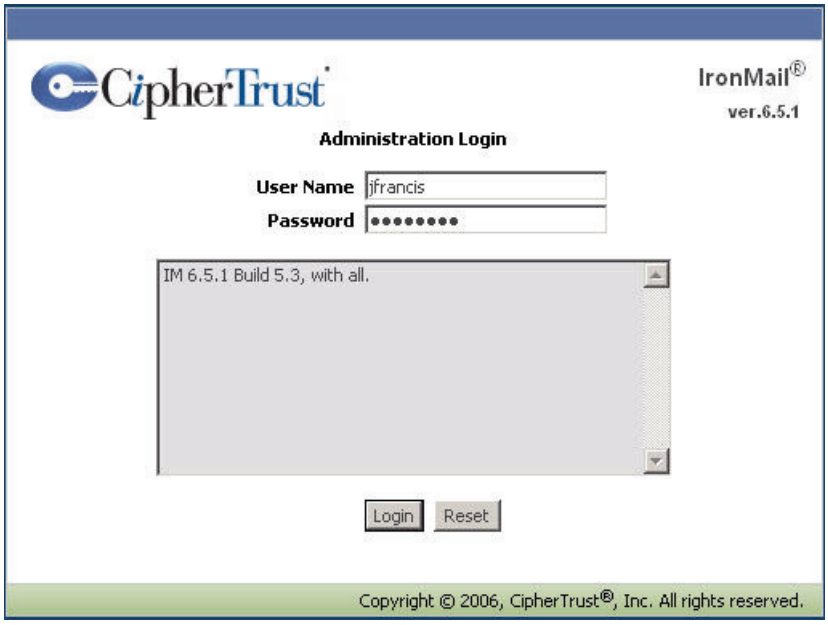
Click **Finish** after the information has been verified.

CAUTION. Do not press Enter a second time or click the Refresh icon. This can cause problems with program integrity.

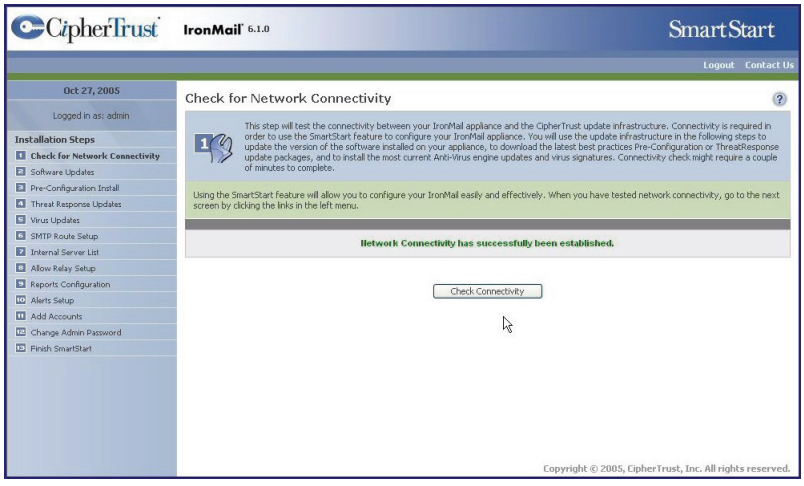
IronMail will automatically restart. The following message will display.


[JavaScript Application]
The appliance is being restarted. This should take about 2 minutes. Please wait. In some cases, your browser may return an error. If this happens, please close the browser and return to the IronMail login screen. IMPORTANT! You must upgrade your appliance's Anti-Virus engine before you put the IronMail into mail flow. Navigate to Anti-Virus > Manual Anti-Virus Updates. You will also find information in the IronMail User Guide in the section on Anti-Virus.
OK

When the restart process has had time to finish (wait at least three minutes), you may log onto the appliance. Using your network browser, go to the IP address for the appliance and log in.



IronMail's opening SmartStart screen will display, allowing you to continue with “best practices” configuration.


CipherTrust
IronMail 6.1.0
SmartStart
Logout
Contact Us
Oct 27, 2005
Logged in as: admin
Installation Steps
Check for Network Connectivity
Software Updates
Pre-Configuration Install
Threat Response Updates
Virus Updates
SMTP Route Setup
Internal Server List
Allow Relay Setup
Reports Configuration
Alerts Setup
Add Accounts
Change Admin Password
Finish SmartStart
Check for Network Connectivity
This step will test the connectivity between your IronMail appliance and the CipherTrust update infrastructure. Connectivity is required in order to use the SmartStart feature to configure your IronMail appliance. You will use the update infrastructure in the following steps to update the version of the software installed on your appliance, to download the latest best practices Pre-Configuration or ThreatResponse update packages, and to install the most current Anti-Virus engine updates and virus signatures. Connectivity check might require a couple of minutes to complete.
Using the SmartStart feature will allow you to configure your IronMail easily and effectively. When you have tested network connectivity, go to the next screen by clicking the links in the left menu.
Network Connectivity has successfully been established.
Check Connectivity
Copyright © 2005, CipherTrust, Inc. All rights reserved.

Once a stand-alone IronMail is running, it is now acting as a proxy—incoming and outgoing mail will flow through IronMail to the email server you specified, and your exposure to the outside world has been "hardened." However, many of IronMail's features have not yet been enabled. Additional configuration is required as described in the remainder of the *User Manual*.

CHAPTER 4

Best Practices Configuration

The concept of "Best Practices" configuration is derived from CipherTrust's desire to streamline the process of preparing the IronMail appliance for effective operation. SmartStart offers the means to do precisely that.

In this chapter

In this chapter, you will find information about the following topics:

- SmartStart
  - Using SmartStart

SmartStart

The purpose for SmartStart is to provide the Administrator the ability to install best practices IronMail configurations at the time of initial appliance installation and setup. It allows the Administrator to install the current software upgrades, current Anti-Virus upgrades, the Pre-Configuration package, the current Threat Response Update (TRU), and several other common configuration entries.

The Administrator will complete the initial IronMail setup and installation as usual, applying the standard Installation Wizard, as explained in the previous chapter and in the *IronMail Setup Guide*. Then, at the Administrator's first login, the initial SmartStart screen displays.

Unless the SmartStart installation is interrupted, subsequent logons will bypass SmartStart and take the user directly to the Dashboard, as discussed later in this manual.

Note. SmartStart functionality is available only to the Admin user account. For any other user, the first login will open the Dashboard, IronMail's regular opening screen.

Using SmartStart

Complete SmartStart installation requires completing the actions on 12 screens. It is important for the Administrator to remember a few basic rules for navigating SmartStart.

Step 1. You must select the specific SmartStart screen you wish to use by clicking the screen's link in the left menu. When you finish one screen, you can go to the next by clicking its link.

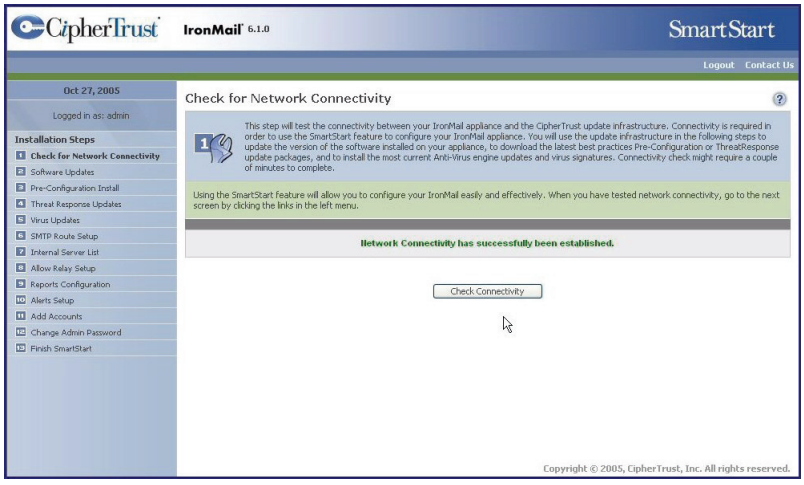
Step 2. If you need to leave the SmartStart Wizard before you have completed work with all screens, you must leave by clicking **Log Out** at the top of the screen. The next time you log in, IronMail will return you to the SmartStart screen from which you logged out.

Step 3. If you click **Quit** at the top of the screen, you will leave SmartStart, and will be taken to the Dashboard screen. You will not automatically return to SmartStart when you log in again.

Step 4. Since some SmartStart steps need to be done in a specific order, please read the instructions on each screen before you apply it.

The SmartStart Screen

As illustrated in the screen shot that follow, SmartStart screens are divided into three sections.


CipherTrust
IronMail 6.1.0
SmartStart
Logout
Contact Us
Oct 27, 2005
Logged in as: admin
Installation Steps
1 Check for Network Connectivity
2 Software Updates
3 Pre-Configuration Install
4 Threat Response Updates
5 Virus Updates
6 SMTP Route Setup
7 Internal Server List
8 Allow Relay Setup
9 Reports Configuration
10 Alerts Setup
11 Add Accounts
12 Change Admin Password
13 Finish SmartStart
Check for Network Connectivity
This step will test the connectivity between your IronMail appliance and the CipherTrust update infrastructure. Connectivity is required in order to use the SmartStart feature to configure your IronMail appliance. You will use the update infrastructure in the following steps to update the version of the software installed on your appliance, to download the latest best practices Pre-Configuration or ThreatResponse update packages, and to install the most current Anti-Virus engine updates and virus signatures. Connectivity check might require a couple of minutes to complete.
Using the SmartStart feature will allow you to configure your IronMail easily and effectively. When you have tested network connectivity, go to the next screen by clicking the links in the left menu.
Network Connectivity has successfully been established.
Check Connectivity
Copyright © 2005, CipherTrust, Inc. All rights reserved.

Left Side: Menu

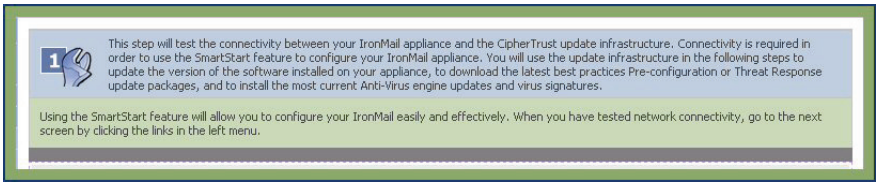
The left side of the screen contains the menu listing all 12 screens that may be used in SmartStart. You will use this menu to select the portion of the wizard you wish to apply.

You may click on any SmartStart screen link to open it without regard for the order on the menu. However, some of the steps must be taken in order. Read the screen instructions before you apply the screen.

Screen 1, the Network Connectivity check, is the opening screen for SmartStart, since connectivity is required to apply some of the other steps.

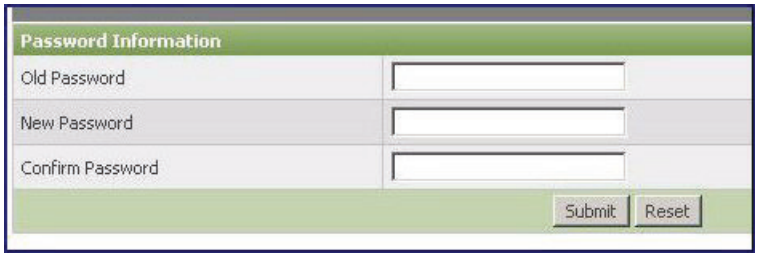
Upper Right: SmartStart information

The upper portion of the screen, as seen below, extending across the screen except for the left menu area, contains informative text about the screen you are currently viewing. It may provide instructions and other important information about the step you are about to complete.


1
This step will test the connectivity between your IronMail appliance and the CipherTrust update infrastructure. Connectivity is required in order to use the SmartStart feature to configure your IronMail appliance. You will use the update infrastructure in the following steps to update the version of the software installed on your appliance, to download the latest best practices Pre-configuration or Threat Response update packages, and to install the most current Anti-Virus engine updates and virus signatures.
Using the SmartStart feature will allow you to configure your IronMail easily and effectively. When you have tested network connectivity, go to the next screen by clicking the links in the left menu.

Lower Right: Configuration screens

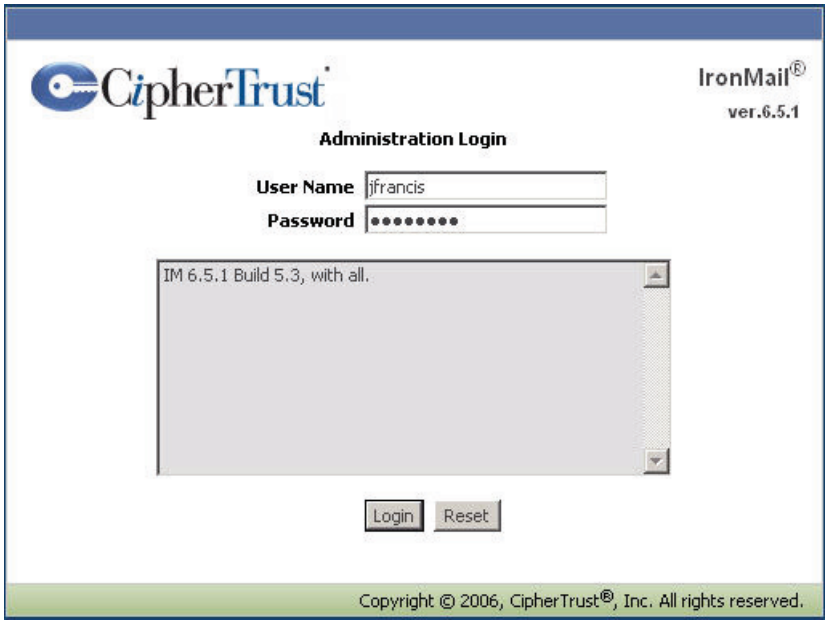
The lower portion of all SmartStart screens, like the sample below, will contain the actual IronMail configuration screens required to complete the specific step you are applying.



IMPORTANT. The screen images that populate this portion of the SmartStart screen will retain their own instruction text or help text.

Accessing SmartStart

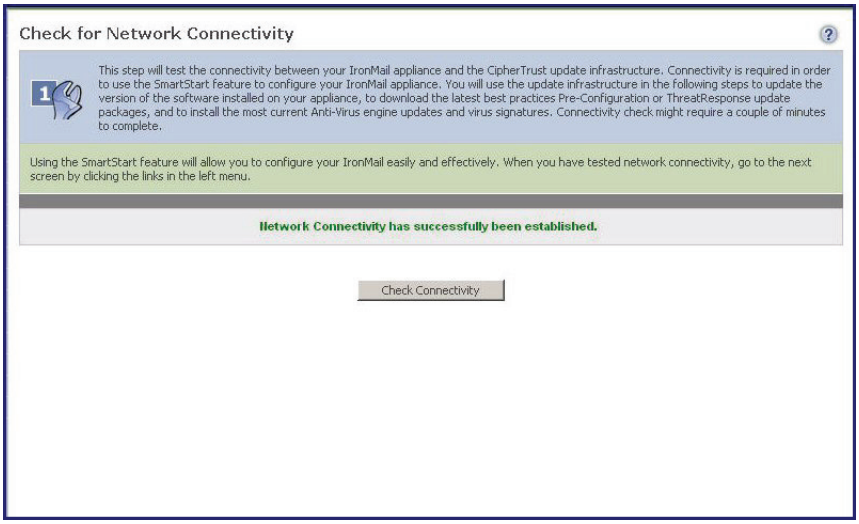
To access SmartStart as part of the initial installation and setup of the IronMail, the Administrator (Admin user account) simply logs into IronMail the first time.



Screen 1 of the SmartStart process opens.

Screen 1: Network Connectivity

The initial screen is designed to welcome the administrator, give basic SmartStart instruction, and test for Network Connectivity.


Check for Network Connectivity
This step will test the connectivity between your IronMail appliance and the CipherTrust update infrastructure. Connectivity is required in order to use the SmartStart feature to configure your IronMail appliance. You will use the update infrastructure in the following steps to update the version of the software installed on your appliance, to download the latest best practices Pre-Configuration or ThreatResponse update packages, and to install the most current Anti-Virus engine updates and virus signatures. Connectivity check might require a couple of minutes to complete.
Using the SmartStart feature will allow you to configure your IronMail easily and effectively. When you have tested network connectivity, go to the next screen by clicking the links in the left menu.
Network Connectivity has successfully been established.
Check Connectivity

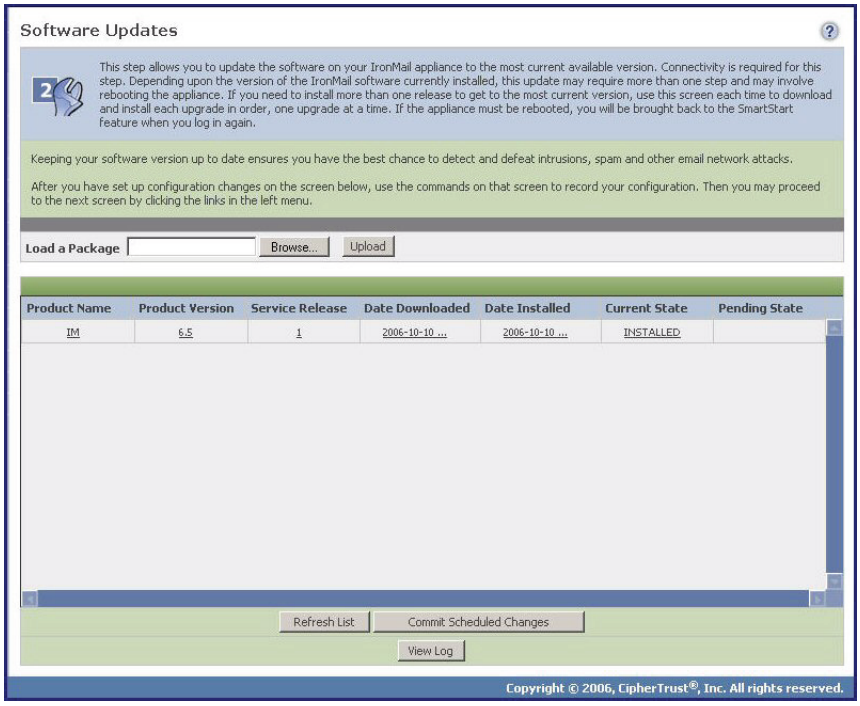
SmartStart Network Connectivity Check

This step tests the connectivity between your IronMail appliance and the CipherTrust update infrastructure. Connectivity is required in order to use the SmartStart feature for configuring your IronMail. You will use the update infrastructure in some of the following steps to update the version of software installed on your appliance, to download the latest "best practices" Pre-Configuration or Threat Response Update packages, and to install the most current Anti-Virus engine updates and virus signatures.

When you have tested your network connectivity, go to the next screen by clicking that screen's link in the left menu.

Screen 2: Software Updates

This step allows you to update the software on your IronMail appliance to the most current available version.


Software Updates
This step allows you to update the software on your IronMail appliance to the most current available version. Connectivity is required for this step. Depending upon the version of the IronMail software currently installed, this update may require more than one step and may involve rebooting the appliance. If you need to install more than one release to get to the most current version, use this screen each time to download and install each upgrade in order, one upgrade at a time. If the appliance must be rebooted, you will be brought back to the SmartStart feature when you log in again.
Keeping your software version up to date ensures you have the best chance to detect and defeat intrusions, spam and other email network attacks.
After you have set up configuration changes on the screen below, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking the links in the left menu.
Load a Package
Browse...
Upload
Product Name
Product Version
Service Release
Date Downloaded
Date Installed
Current State
Pending State
IM
6.5
1
2006-10-10 ...
2006-10-10 ...
INSTALLED
Refresh List
Commit Scheduled Changes
View Log
Copyright © 2006, CipherTrust®, Inc. All rights reserved.

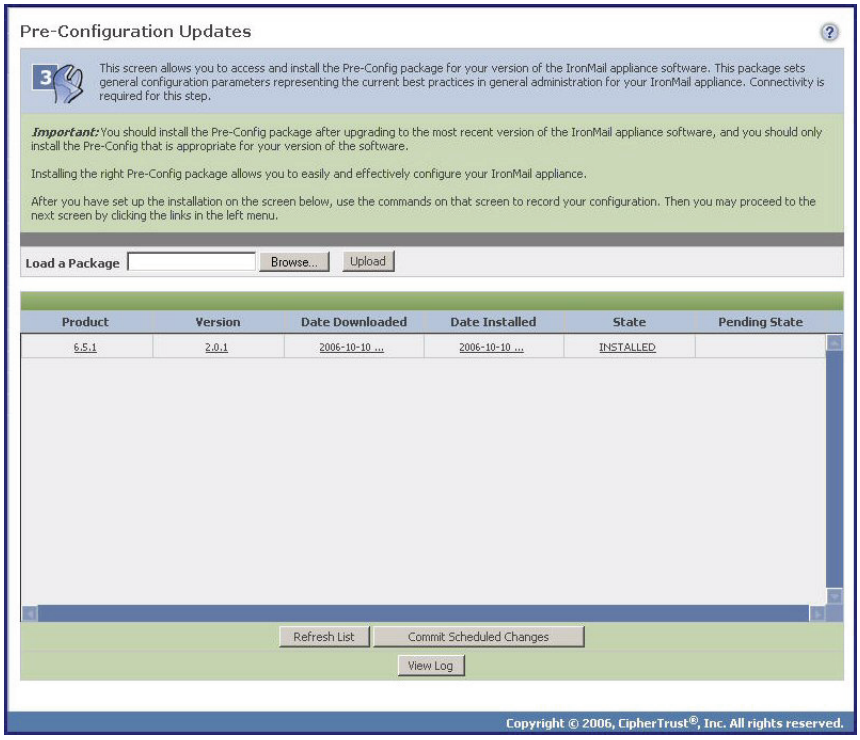
SmartStart Software Updates

Network connectivity is required for this step. Depending upon the version of the IronMail software currently installed, this update may require more than one step and may involve rebooting the appliance. If you need to install more than one release to get to the most current version, use this screen to download and install each upgrade in order, one upgrade at a time. If the appliance must be rebooted, you will be brought back to the SmartStart feature when you log in again.

After you have set up configuration changes on the screen shown at the bottom of the SmartStart page, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking that screen's link in the left menu.

Screen 3: Pre-Configuration

This screen allows you to access and install the Pre-Configuration package for your version of the IronMail appliance software.


Pre-Configuration Updates
This screen allows you to access and install the Pre-Config package for your version of the IronMail appliance software. This package sets general configuration parameters representing the current best practices in general administration for your IronMail appliance. Connectivity is required for this step.
Important: You should install the Pre-Config package after upgrading to the most recent version of the IronMail appliance software, and you should only install the Pre-Config that is appropriate for your version of the software.
Installing the right Pre-Config package allows you to easily and effectively configure your IronMail appliance.
After you have set up the installation on the screen below, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking the links in the left menu.
Load a Package
Browse...
Upload
Product
Version
Date Downloaded
Date Installed
State
Pending State
6.5.1
2.0.1
2006-10-10 ...
2006-10-10 ...
INSTALLED
Refresh List
Commit Scheduled Changes
View Log
Copyright © 2006, CipherTrust®, Inc. All rights reserved.

SmartStart Pre-Configuration Installation

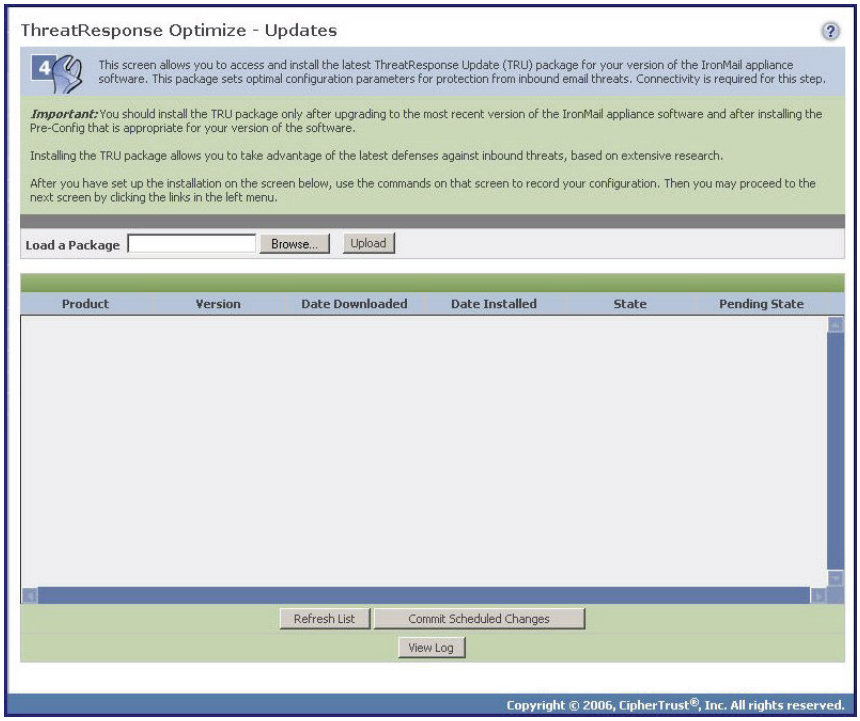
This package sets general configuration parameters representing the current "best practices" in general administration for your IronMail appliance. Network connectivity is required for this step.

IMPORTANT. You should install the Pre-Configuration package after upgrading to the most recent version of the IronMail appliance software, and you should only install the Pre-Configuration that is appropriate for your version of the software.

After you have set up the installation on the screen at the bottom of the SmartStart page, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking that screen's link in the left menu.

Screen 4: Threat Response Updates

This screen allows you to access and install the latest Threat Response Update (TRU) package for your version of the IronMail appliance software.


ThreatResponse Optimize - Updates
This screen allows you to access and install the latest ThreatResponse Update (TRU) package for your version of the IronMail appliance software. This package sets optimal configuration parameters for protection from inbound email threats. Connectivity is required for this step.
Important: You should install the TRU package only after upgrading to the most recent version of the IronMail appliance software and after installing the Pre-Config that is appropriate for your version of the software.
Installing the TRU package allows you to take advantage of the latest defenses against inbound threats, based on extensive research.
After you have set up the installation on the screen below, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking the links in the left menu.
Load a Package
Browse...
Upload
Product
Version
Date Downloaded
Date Installed
State
Pending State
Refresh List
Commit Scheduled Changes
View Log
Copyright © 2006, CipherTrust®, Inc. All rights reserved.

SmartStart Threat Response Updates

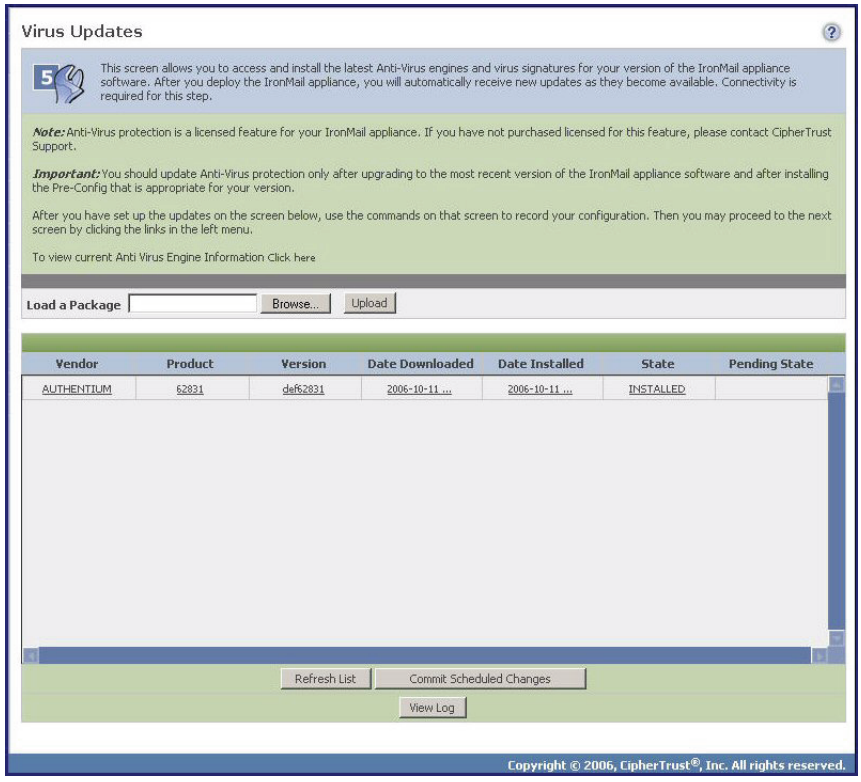
This package sets optimal configuration parameters for protection from inbound e-mail threats. Network connectivity is required for this step.

IMPORTANT. You should install the TRU package after upgrading to the most recent version of the IronMail appliance software and after installing the Pre-Configuration package that is appropriate for your version of the software.

After you have set up the installation on the screen at the bottom of the SmartStart page, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking that screen's link in the left menu.

Screen 5: Virus Updates

This screen allows you to access and install the latest Anti-Virus engines and virus signatures for your version of the IronMail appliance software.


Virus Updates
This screen allows you to access and install the latest Anti-Virus engines and virus signatures for your version of the IronMail appliance software. After you deploy the IronMail appliance, you will automatically receive new updates as they become available. Connectivity is required for this step.
Note: Anti-Virus protection is a licensed feature for your IronMail appliance. If you have not purchased licensed for this feature, please contact CipherTrust Support.
Important: You should update Anti-Virus protection only after upgrading to the most recent version of the IronMail appliance software and after installing the Pre-Config that is appropriate for your version.
After you have set up the updates on the screen below, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking the links in the left menu.
To view current Anti Virus Engine Information Click here
Load a Package
Browse...
Upload
Vendor
Product
Version
Date Downloaded
Date Installed
State
Pending State
AUTHENTIUM
62831
def62831
2006-10-11 ...
2006-10-11 ...
INSTALLED
Refresh List
Commit Scheduled Changes
View Log
Copyright © 2006, CipherTrust®, Inc. All rights reserved.

SmartStart Anti-Virus Updates

After you deploy the IronMail appliance, you will automatically receive new updates as they become available. Connectivity is required for this step.

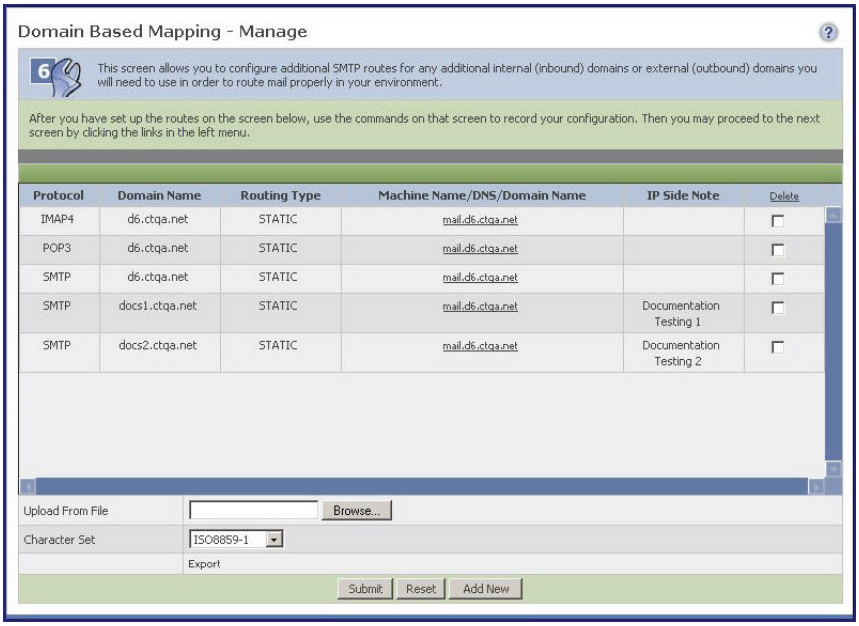
Note. Anti-Virus protection is a licensed feature for your IronMail appliance. If you have not licensed this protection, please contact CipherTrust Support.

IMPORTANT. You should update Anti-Virus protection only after upgrading to the most recent version of the IronMail appliance software and after installing the Pre-Configuration package that is appropriate to your version.

After you have set up the updates on the screen at the bottom of the SmartStart page, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking that screen's link in the left menu.

Screen 6: SMTP Route Setup

This screen allows you to configure SMTP routes for any additional internal (inbound) domains or external (outbound) domains you will need in order to route mail properly in your environment.

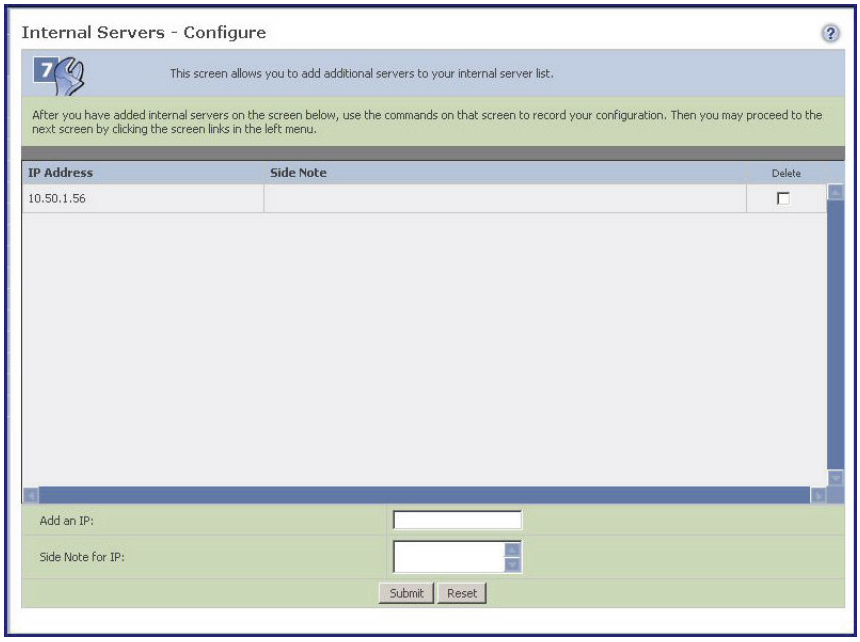

Domain Based Mapping - Manage
This screen allows you to configure additional SMTP routes for any additional internal (inbound) domains or external (outbound) domains you will need to use in order to route mail properly in your environment.
After you have set up the routes on the screen below, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking the links in the left menu.
Protocol
Domain Name
Routing Type
Machine Name/DNS/Domain Name
IP Side Note
Delete
IMAP4 d6.ctqa.net STATIC mail.d6.ctqa.net
POP3 d6.ctqa.net STATIC mail.d6.ctqa.net
SMTP d6.ctqa.net STATIC mail.d6.ctqa.net
SMTP docs1.ctqa.net STATIC mail.d6.ctqa.net Documentation Testing 1
SMTP docs2.ctqa.net STATIC mail.d6.ctqa.net Documentation Testing 2
Upload From File
Browse...
Character Set
ISO8859-1
Export
Submit
Reset
Add New

SmartStart SMTP Route Setup

After you have set up the routes on the screen at the bottom of the SmartStart page, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking that screen's link in the left menu.

Screen 7: Internal Server List

This screen allows you to add additional servers to your internal server list.

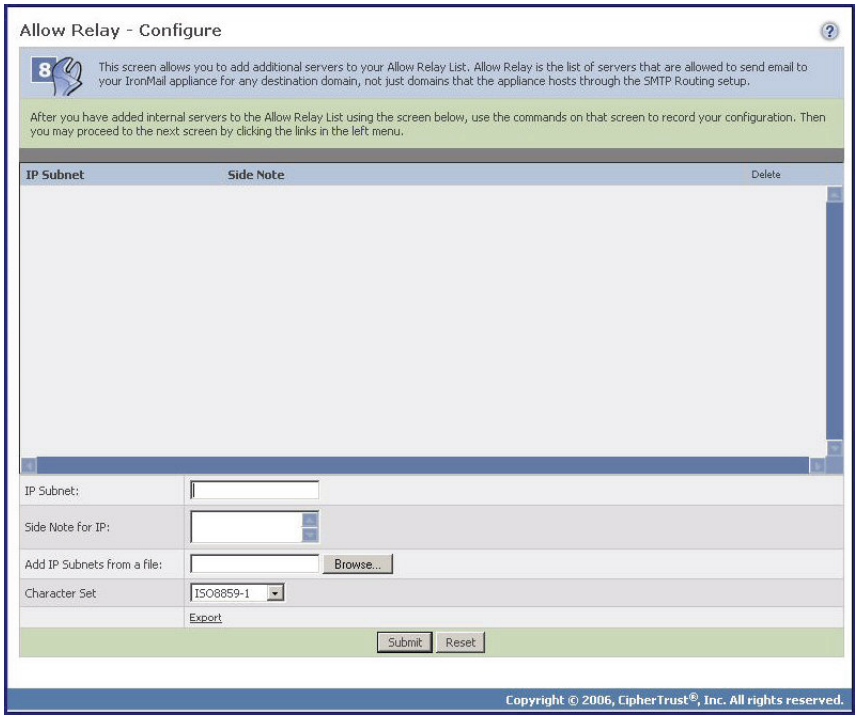

Internal Servers - Configure
This screen allows you to add additional servers to your internal server list.
After you have added internal servers on the screen below, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking the screen links in the left menu.
IP Address
Side Note
Delete
10.50.1.56
Add an IP:
Side Note for IP:
Submit
Reset

SmartStart Internal Server Setup

After you have added internal servers on the screen at the bottom of the SmartStart page, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking that screen's link in the left menu.

Screen 8: Allow Relay

This screen allows you to add servers to your Allow Relay List.


Allow Relay - Configure
This screen allows you to add additional servers to your Allow Relay List. Allow Relay is the list of servers that are allowed to send email to your IronMail appliance for any destination domain, not just domains that the appliance hosts through the SMTP Routing setup.
After you have added internal servers to the Allow Relay List using the screen below, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking the links in the left menu.
IP Subnet
Side Note
Delete
IP Subnet:
Side Note for IP:
Add IP Subnets from a file:
Browse...
Character Set
ISO8859-1
Export
Submit
Reset
Copyright © 2006, CipherTrust®, Inc. All rights reserved.

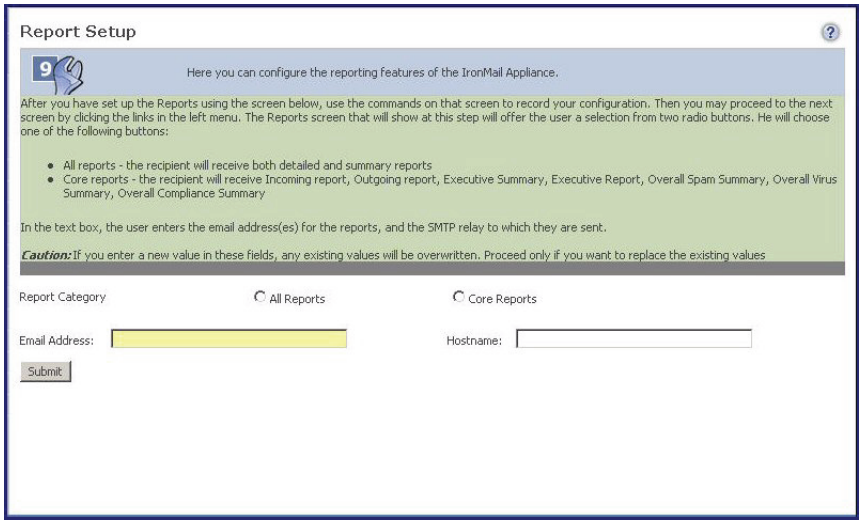
SmartStart Allow Relay Setup

Allow Relay is the list of servers that are allowed to send e-mail to your IronMail appliance for any destination domain, not just for domains the appliance hosts through the SMTP Routing setup.

After you have added internal servers to the Allow Relay list on the screen at the bottom of the SmartStart page, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking that screen's link in the left menu.

Screen 9: Report Setup

This screen allows you to configure the reporting features for your IronMail appliance.

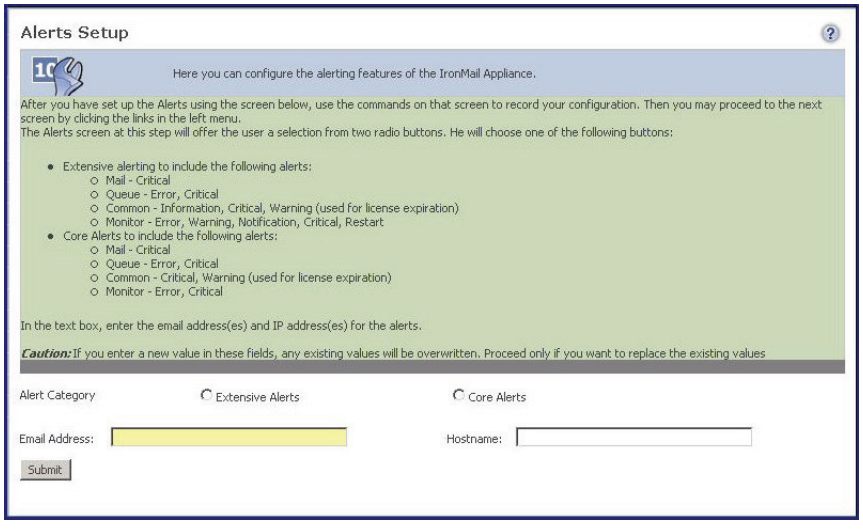

Report Setup
9
Here you can configure the reporting features of the IronMail Appliance.
After you have set up the Reports using the screen below, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking the links in the left menu. The Reports screen that will show at this step will offer the user a selection from two radio buttons. He will choose one of the following buttons:
All reports - the recipient will receive both detailed and summary reports
Core reports - the recipient will receive Incoming report, Outgoing report, Executive Summary, Executive Report, Overall Spam Summary, Overall Virus Summary, Overall Compliance Summary
In the text box, the user enters the email address(es) for the reports, and the SMTP relay to which they are sent.
Caution: If you enter a new value in these fields, any existing values will be overwritten. Proceed only if you want to replace the existing values
Report Category
All Reports
Core Reports
Email Address:
Hostname:
Submit

SmartStart Report Setup

After you have set up the reports using the screen at the bottom of the SmartStart page, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking that screen's link in the left menu.

Screen 10: Alerts Setup

This screen allows you to configure the alerting features of your IronMail appliance.

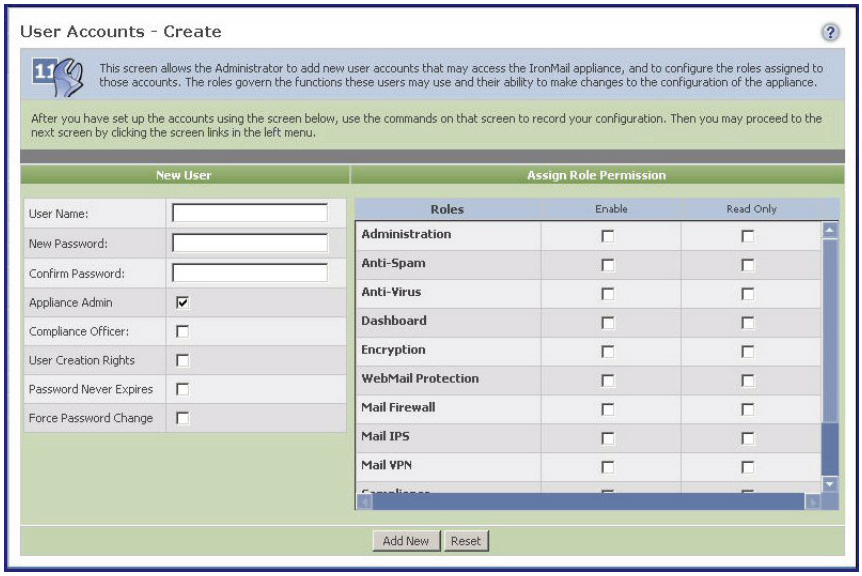

Alerts Setup
10
Here you can configure the alerting features of the IronMail Appliance.
After you have set up the Alerts using the screen below, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking the links in the left menu.
The Alerts screen at this step will offer the user a selection from two radio buttons. He will choose one of the following buttons:
Extensive alerting to include the following alerts:
Mail - Critical
Queue - Error, Critical
Common - Information, Critical, Warning (used for license expiration)
Monitor - Error, Warning, Notification, Critical, Restart
Core Alerts to include the following alerts:
Mail - Critical
Queue - Error, Critical
Common - Critical, Warning (used for license expiration)
Monitor - Error, Critical
In the text box, enter the email address(es) and IP address(es) for the alerts.
Caution: If you enter a new value in these fields, any existing values will be overwritten. Proceed only if you want to replace the existing values
Alert Category
Extensive Alerts
Core Alerts
Email Address:
Hostname:
Submit

SmartStart Alerts Setup

After you have set up the alerts using the screen at the bottom of the SmartStart page, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking that screen's link in the left menu.

Screen 11: Add Accounts

This screen allows the Administrator to add new user accounts that may access the IronMail appliance, and to configure the roles (permissions) assigned to those accounts.


User Accounts - Create
This screen allows the Administrator to add new user accounts that may access the IronMail appliance, and to configure the roles assigned to those accounts. The roles govern the functions these users may use and their ability to make changes to the configuration of the appliance.
After you have set up the accounts using the screen below, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking the screen links in the left menu.
New User
Assign Role Permission
User Name:
New Password:
Confirm Password:
Appliance Admin
Compliance Officer:
User Creation Rights
Password Never Expires
Force Password Change
Roles
Enable
Read Only
Administration
Anti-Spam
Anti-Virus
Dashboard
Encryption
WebMail Protection
Mail Firewall
Mail IPS
Mail VPN
Add New
Reset

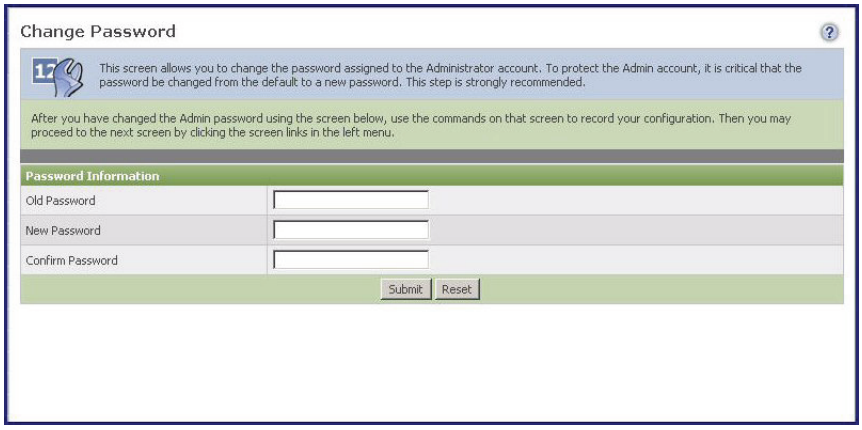
SmartStart Add Accounts

The roles govern the functions these users may use and their ability to make changes to the configuration of the IronMail appliance.

After you have set up the accounts using the screen at the bottom of the SmartStart page, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking that screen's link in the left menu.

Screen 12: Change the Admin Password

This screen allows you to change the password assigned to the Administrator account.


Change Password
This screen allows you to change the password assigned to the Administrator account. To protect the Admin account, it is critical that the password be changed from the default to a new password. This step is strongly recommended.
After you have changed the Admin password using the screen below, use the commands on that screen to record your configuration. Then you may proceed to the next screen by clicking the screen links in the left menu.
Password Information
Old Password
New Password
Confirm Password
Submit
Reset

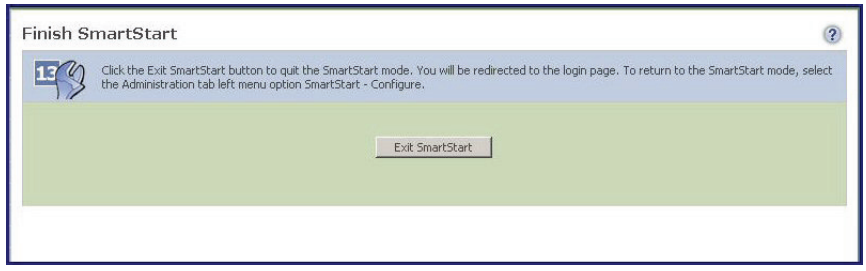
SmartStart Change Admin Password

IMPORTANT. To protect the Admin account, it is essential that the password be changed from the default to a new password. This step is strongly recommended.

After you have changed the Admin password on the screen at the bottom of the SmartStart page, use the commands on that screen to record your configuration. Then you may proceed to another screen by clicking that screen's link in the left menu.

Screen 13: Finishing SmartStart

This screen provides information that allows you to exit SmartStart gracefully, taking you back to the login screen.


Finish SmartStart
Click the Exit SmartStart button to quit the SmartStart mode. You will be redirected to the login page. To return to the SmartStart mode, select the Administration tab left menu option SmartStart - Configure.
Exit SmartStart

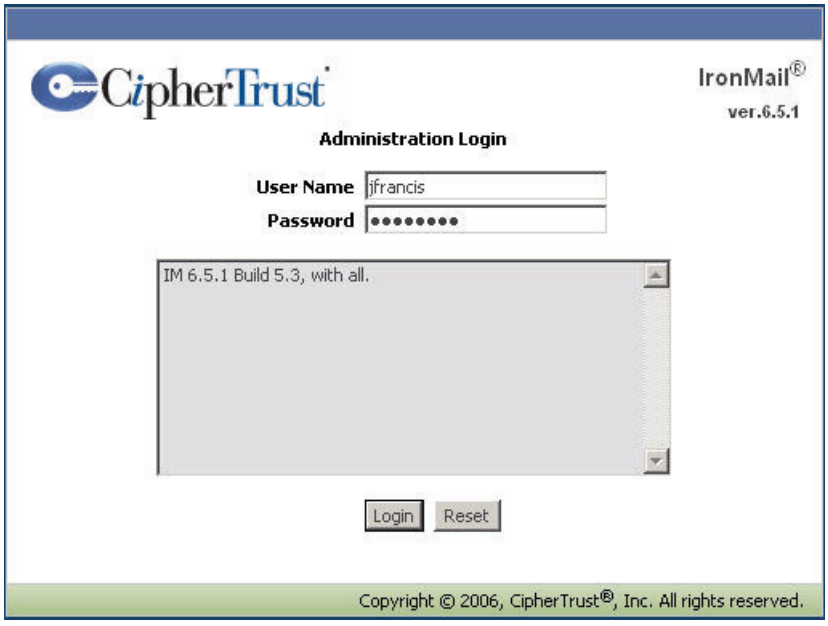
If you have finished SmartStart, you may proceed from the opening screen (the Dashboard) to monitor IronMail's status and activity.

Note. If you exit SmartStart before completing all the steps, be sure to note the steps you have completed and those that still remain. It may be to your advantage to complete SmartStart before you exit, to ensure nothing is forgotten.

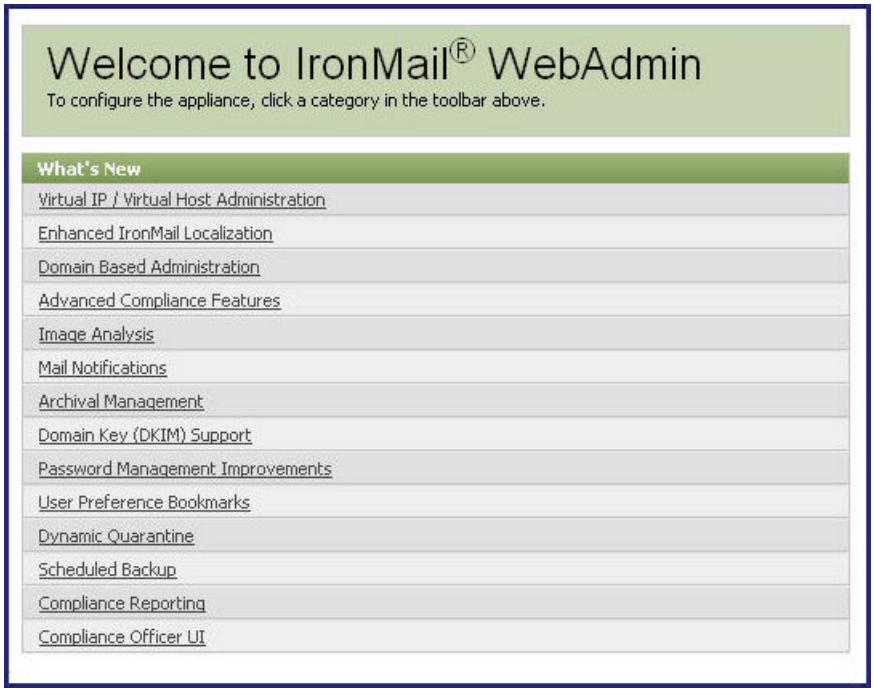
When You Have Finished SmartStart

If you have applied all the steps of SmartStart, your IronMail appliance is now configured for deployment, using best practices configuration.

When you have completed all steps of the SmartStart process, you may exit SmartStart by clicking the **Exit SmartStart** button at the bottom of Finish SmartStart screen. **This** will close SmartStart and take you to the IronMail login screen.



Log into IronMail using your user name and password, and you will see the IronMail What's New screen (IronMail's opening screen for your first login).


Welcome to IronMail® WebAdmin
To configure the appliance, click a category in the toolbar above.
What's New
Virtual IP / Virtual Host Administration
Enhanced IronMail Localization
Domain Based Administration
Advanced Compliance Features
Image Analysis
Mail Notifications
Archival Management
Domain Key (DKIM) Support
Password Management Improvements
User Preference Bookmarks
Dynamic Quarantine
Scheduled Backup
Compliance Reporting
Compliance Officer UI